

PERKINS
AGRICULTURAL
LIBRARY



WALTER FRANK PERKINS

SOUTHAMPTON UNIVERSITY LIBRARY

CATALOGUE
OF THE
WALTER FRANK PERKINS
AGRICULTURAL LIBRARY

THE UNIVERSITY LIBRARY
SOUTHAMPTON
1961

© 1961 by Southampton University Library

This catalogue is set in 11 on 12 pt Monotype Walbaum
500 copies have been printed in Great Britain
for Southampton University Library
by the Shenval Press, London, Hertford and Harlow

CONTENTS

Portrait of W. F. Perkins	<i>Frontispiece</i>
<i>(from a photograph in the possession of Mrs Perkins)</i>	
Preface	vii
Walter Frank Perkins: a memoir	ix
List of Authorities	xi
Note on Cataloguing Usage	xii
CATALOGUE	1
English Works to 1700	281
List of Periodicals	282
Table of Board of Agriculture and Dublin Society Surveys	284
Supplementary Notes	290

PREFACE

In the introduction to his *British and Irish Writers on Agriculture*, which was first published in 1929, Walter Frank Perkins wrote: 'This is a Bibliography of some 1,300 British and Irish writers on the Agriculture of the United Kingdom from the earliest printed books until, and including, the year 1900. For reasons which seemed sufficient to me, I have laid down certain arbitrary rules of inclusion and exclusion.' As a result his book included works on the general practice and improvement of agriculture; on agricultural chemistry, botany and entomology; on drainage, weights and measures, and on agricultural education and biography; and it excluded forestry, horticulture, surveying, estate management, herd books, veterinary science, farm architecture, and agricultural law, politics and economics. The scope of the bibliography was somewhat enlarged in the second and third editions, published in 1932 and 1939 respectively, and lists of *anonyma* and of journals and serial publications were added.

Perkins' own agricultural library reflects to some extent the pattern of his Bibliography; the collection contains, however, numerous works which fall within the categories he excluded, while many books listed in *British and Irish Writers on Agriculture* will not be found. The earliest imprint is 1600, the date of the *Maison Rustique or, the Countrie Farme*, by Charles Estienne and Jean Liebaut, No. 577; this is a translation of a French work first published in Paris in 1564. The earliest English work is No. 1135, Gervase Markham's *Second Booke of the English Husbandman*, printed in 1615. There are very few items in, or translated from, foreign languages, there are few books published later than 1900, and only thirty-five from the seventeenth century; so that the collection consists mainly of eighteenth- and nineteenth-century British books, and it is in eighteenth-century material that it is perhaps richest.

All those who are interested in the ways of the husbandman and in country customs of the past will find rewarding and little known material in this collection. Its value to the student of agricultural, economic and social history needs no emphasis.

As a practising farmer, a bibliophile and a man who played a part in public life, Walter Frank Perkins constantly used and enjoyed

his own books, and also supplemented them by drawing on national collections. He was, from its inception, an enthusiastic supporter of the movement for a national inter-library lending service. Therefore it was not surprising that when he gave his collection to University College Southampton, he wished a catalogue to be published which would make its contents known, and asked that the books themselves should be available for loan outside the University. It is hoped that the catalogue now printed will worthily, if somewhat tardily, fulfil his wishes. All items in the collection may be borrowed, subject to the usual safeguards.

To Mr A. Anderson who compiled the catalogue and to Mr E. H. Milligan on whose preliminary work it is based, I express my thanks for the care they have devoted to it; inevitably some errors or misprints will be found, but the compilers are not responsible for any faults or omissions in the plan. I am most grateful to Mrs Mary Hopkirk for contributing the memoir of her father, in which, however, she gives too small a place to his life-long interest in the welfare of the College and to the work he did for it; and I am deeply indebted to Mrs Walter Frank Perkins for many acts of kindness in connection with the transfer of the collection to the University and the preparation of the catalogue.

M. I. HENDERSON

November 1960

WALTER FRANK PERKINS: A MEMOIR

BY HIS DAUGHTER

MARY HOPKIRK

The Hartley Institution, embryo of the University of Southampton, was only three years old when Walter Frank Perkins was born at Bowling Green House, Southampton, on May 3, 1865. His parents, Walter and Mary-Louisa Perkins, belonged to an old New Forest family whose roots lay in the Avon valley. The baby's grandfather, Richard Perkins, had settled in Southampton on his marriage in 1820 and founded a large family, most of whom played a prominent part in the civic, professional and business life of the rapidly developing town. Sir Frederick Perkins, the baby's uncle, was mayor when Lord Palmerston arrived from Broadlands to open the new and comparatively humble—but much-needed—adult education centre.

Bowling Green House, now engulfed by the docks, was then in a charming marine setting, and the family kept a cow in Porters' Mead, now Queen's Park. The children spent long summers at Wimpson Farm in Millbrook (then entirely rural), and later at Stoke Manor Farm, Bishopstoke, which their father rented, and it was there that the little boy acquired his love of farming in the days before mechanization—watching the corn cut with sickles and the hay falling under scythes, and noting with interest that the farm workers brought their dinners in pudding-basins tied up with red cotton handkerchiefs, and heated them in water drawn from the boiler of the threshing-machine.

As a small child he attended a day school kept by a Miss Alford in Hill Lane, and later went to Forest School at Snaresbrook. Meanwhile, his father bought a seemingly derelict house, then known as Abbott's Park, on the edge of the town, rehabilitated it and restored its former name of Portswood House. The family lived there until 1912.

In 1885, Walter Frank entered the Royal Agricultural College at Cirencester, whence he emerged after two years with the Senior certificate of the Royal Agricultural Society of England, the First class certificate of the Highland and Agricultural Society of Scotland (taking the first place of all candidates in agriculture), the First

class certificate and silver medal of the Royal Agricultural Society of Ireland, and the College's own Diploma with honours. He passed second out of fifty-six in the land agency sub-division examination of the Surveyors' Institution, and soon afterwards became a Professional Associate.

At an early age he became a bibliophile, specializing in books on agriculture, botany and forestry which were then of interest only to a very limited section of book-collectors, and could be obtained comparatively easily and inexpensively.

On leaving Cirencester he joined his father's business as a surveyor, and while in practice, became a Fellow of the Surveyors' Institution, and a life member of the Royal Agricultural Society of England, of the Highland Society, and the Royal Agricultural Society of Ireland.

Prior to his marriage, he made long tours of Canada and the United States, and went round the world. In 1901 he settled at Boldre Bridge House, near Lymington. In 1910 he entered Parliament as member for the New Forest, having won the seat by a record majority, and he was returned unopposed in the two ensuing general elections. He retired from politics in 1922, and thenceforward devoted himself to literary and agricultural pursuits.

He was a founder member and first President of the New Forest Agricultural Show, and keenly interested in the history of the New Forest; in addition to several articles on local history he published *Boldre: the parish, the church, and its inhabitants*, 1927; *A New Forest bibliography*, 1935; and his standard bibliography, *British and Irish writers on agriculture* was first published in 1929.

Meanwhile the old Hartley Institute had become the University College of Southampton, and in 1928 when an appeal was launched for funds to enable it to attain university status, Walter Frank Perkins succeeded his brother-in-law—Sir Russell Bencraft—as Honorary Treasurer to the College, an office he held till 1933, when ill health compelled him to resign.

He died at Boldre in 1946, and a short time prior to his death gave his collection of agricultural books to the university of his birthplace.

AUTHORITIES

Reference is made to the following authorities in the forms indicated:

- BM: British Museum. General catalogue of printed books. 1880-1900
and revised ed. 1930-
- DNB: Dictionary of national biography. 1885-
- Donaldson: Donaldson, J. Agricultural biography. 1854
- LC: Library of Congress. Catalogue of books represented by printed
cards. 1942-
- Loudon: Loudon, J. C. An encyclopaedia of agriculture [etc.] 1825.
(Part IV, ch. IV, pp. 1162-79: Of the literature and bibliography
of agriculture.)
- Macdonald: Macdonald, D. Agricultural writers from Walter of Henley
to Arthur Young, 1200-1800. 1908
- Perkins: Perkins, W. F. British and Irish writers on agriculture. 3rd ed.
1939
- RASE: Royal Agricultural Society of England. Catalogue of the Library.
1918
- Roth: Rothamsted Experimental Station. Catalogue of the printed books
on agriculture. [1926]
- Roth. (1940): [The same]. 2nd ed. 1940
- STC: Pollard, A. W. and Redgrave, G. R. Short-title catalogue of
English books . . . 1475-1640. 1926
- Smith: Smith, Sir F. The early history of veterinary literature and its
British development. 4 vol. 1919-33
- TC: The Term Catalogues, 1668-1709 A.D., ed. by E. Arber. 3 vol.
1903-06
- Weston: Weston R. A catalogue of English authors who have written on
husbandry, gardening [etc.] (*published in his* Tracts on practical
agriculture and gardening . . . to which is added A chronological
catalogue of English authors on agriculture [etc.]. 2nd ed. 1773)
- Wing: Wing, D. Short-title catalogue . . . 1641-1700. 3 vol. 1945-51

The abbreviation P.A.L. (Perkins Agricultural Library) is used to indicate the collection.

Note on Cataloguing Usage

The catalogue is an author catalogue, entry being under the names of authors, editors, societies and government departments, and under place in the case of institutions. Books by pseudonymous authors whose real names are unknown are entered under the pseudonym: anonymous books are entered under title. Noblemen are entered under the family name, and British compound surnames under the last part of the name.

The size of each book is given in accordance with an arbitrary system of measurement over the covers:

- sm. 8vo—under 7" high
- 8vo—7"—9½" high
- la. 8vo—9½"—12" high, not over 8" wide
- 4to—over 9½" high, over 8" wide
- fol.—over 12" high, not wide in proportion to height.

In the case of books published up to 1700, the true bibliographical format is added in round brackets after the arbitrary one, if the two differ. In the case of the earlier (quarto) series of Board of Agriculture surveys and of the works in quarto issued in conjunction with them, the description (sm. 4to) is added to distinguish these from the later series of octavo surveys.

CATALOGUE

A.C.

Remarks on live stock and relative subjects. 1806. *see* Coventry, Andrew. 412

A.C.H.

Rural recreations. 1802. *see* H., A. C. 733

A.S.

The husbandman's instructor. [c. 1705]. *see* S., A. 1516

Abbot, Britton

see Bernard, sir Thomas, 2nd bart. Account of Britton Abbot's cottage and garden. 1806. 151

Aberdeenshire

List of sheep marks for the counties of Aberdeen, [etc.]. 1897. *see* List of sheep marks . . . 1022

Rinderpest in Aberdeenshire. [By William Alexander]. 1882. *see* Alexander, William. 35

- 1 The Aberdeenshire land agitation. Thoughts on the questions agitated at farmers' meetings in Aberdeenshire. W. Blackwood: Edinburgh & London, 1881. pp. 32, 8vo.

Aberystwyth—National Library of Wales

- 2 A hand-list of books on agriculture. 3rd ed. The library: Aberystwyth, 1926. pp. 44, 8vo.

Aberystwyth—University College of Wales—*Agricultural Department*

- 3 Annual report on field experiments. By J. A. Murray and T. H. Middleton. 1899. Evans: Aberystwyth, [1899]. pp. 80, plt., 8vo.

Ablett, William H.

- 4 Farming for pleasure and profit. Eighth section. Market-garden husbandry for farmers and general cultivators. Chapman & Hall: London, 1881. pp. vii, 187, 8vo.

Farming for pleasure and profit is in 8 sections, sections 1-7 being by Arthur ROLAND (q.v., nos. 1482-88) edited by Ablett. These are:

1. Farming for pleasure and profit; dairy-farming, [etc.].
2. Poultry-keeping for pleasure and profit.
3. Tree-planting for ornamentation or profit.
4. Stock keeping and cattle rearing.
5. The drainage of land.
6. Root growing and the cultivation of hops.
7. The management of grass land.

- 5 Stock keeping for amateurs. The Bazaar Office: London, [1880?]. pp. [ii], 186, 8vo.

- 6 Abraham, J. C.
An essay on the potatoe. J. Gillett: Manchester, 1845.
pp. 36, frontis., 8vo.
With ms notes.
- 7 Abridged report of the state of agriculture in Mid-Lothian.
B. Millan: London, 1795. pp. 16, 8vo. (sm. 4to.)
An abridgement of and supplement to the *General view of the
agriculture of Mid-Lothian*, by G. Robertson, 1793. 1459
Account of Britton Abbot's cottage and garden. [By sir Thomas
Bernard]. 1806. *see* Bernard, sir Thomas, 2nd bart. 151
- 8 An Account of the culture of potatoes in Ireland. Shepperson &
Reynolds: London, 1796. pp. 28, 8vo.
- 9 An Account of the improvement of moss, &c. In a letter to a
friend. 2nd ed. J. Brown, [etc.]: Dunse, [etc.], 1797.
pp. [ii], 19, 8vo.
Account of the origin of the Board of agriculture, by the presi-
dent. 1796. *see* Sinclair, sir John, 1st bart. 1584
- Acland, sir Thomas Dyke, 11th bart.
- 10 Agricultural education; what it is, and how to improve it:
considered in two letters to sir Edward C. Kerrison, bart. With
an appendix, containing the result of inquiries among farmers
and schoolmasters. W. Clowes: London, 1864. pp. 52, 8vo.
- 11 An introduction to the chemistry of farming, specially pre-
pared for practical farmers. With records of field experiments.
2nd ed. Simpkin, Marshall: London, 1892. pp. viii, 222, 8vo.
- 12 Review of agricultural experiments, containing criticisms
and suggestions. With a letter to the earl of Chichester.
W. Clowes: London, 1885. pp. 64, illus., 8vo.
The first part is reprinted with additions from the *Journal of the
Bath and West of England society*, 3rd ser. vol. 16, 1885.
- Adam, James
- 13 Practical essays on agriculture, [etc.]. T. Cadell: London,
1789. 2 vol., 8vo.
Address to the practical farmers of Great Britain. [By R.
Worthington]. 1810. *see* Worthington, Richard. 1949
- Addyman, Frank Thornton
- 14 Agricultural analysis: a manual of quantitative analysis for
students of agriculture. Longmans: London & New York,
1893. pp. vii, 200, illus., 8vo.
- Adie, Richard Halliburton and Wood, Thomas Barlow
- 15 Agricultural chemistry. K. Paul: London, [1897]. 2 vol., 8vo.

Agricola, pseud., and others

- 16 Harvesting crops independently of weather: practical notes on the Neilson system of harvesting. By Agricola, and other contributors of *The Field* newspaper. H. Cox, *The Field*: London, 1882. pp. 44, [4], illus., 8vo.

Agricola Sylvan, pseud.

see *The Farmer's magazine*, and useful family companion. 1776-1780. 599

Agricola, Georg Andreas

- 17 A philosophical treatise of husbandry and gardening: being a new method of cultivating and increasing all sorts of trees, shrubs, and flowers . . . Translated from the High-Dutch . . . The whole revised . . . together with a preface . . . By Richard Bradley. P. Vaillant, [etc.]: London, 1721. pp. [xxiv], 300, [4], plts., 4to.

The Agricultural and horticultural gleaner. 1856. see Baxter, John, *publ.* 127

Agricultural and industrial magazine. see *Society for the Encouragement of Domestic Industry*. The agricultural and industrial magazine. vol. 1. 1855. 1636

- 18 *Agricultural chemistry*; or, Chemistry applied to explain the practice, and to promote . . . the improvement of agriculture. S.P.C.K.: London, 1849. pp. viii, [5]-284, plt., sm. 8vo.

Agricultural class book; or, How best to cultivate a small farm. 1862. see Ireland—Commissioners of National Education. 860

Agricultural Customs Committee. see *Parliament*—House of Commons—*Select Committee on Agricultural Customs*. 1312

- 19 *The Agricultural distiller's hand-book*; the method of distilling from beet-root. A short treatise on the production of neutral spirit from beet, [etc.]. By a practical farmer and distiller. G. T. Thomason; Groombridge & Son: London, [1856]. pp. iv, [5]-52, 8vo.

Agricultural magazine (1802-1816). see *Commercial and agricultural magazine*, later *The Agricultural magazine*. 373

Agricultural Protection Society

- 20 Tracts issued by the Agricultural protection society, up to August, 1844. [London, 1844]. various pagination, 8vo.
Seventeen pamphlets, with a general title-page. All the pamphlets are separately catalogued under the appropriate headings.

Agricultural research in 1925-(1930). see *Royal Agricultural Society of England*. 1499

- Agricultural state of the kingdom**, in February, March and April, 1816. 1816. *see* Board of Agriculture and Internal Improvement. 189
- Agricultural students' gazette.** *see* Cirencester—Royal Agricultural College. Agricultural students' gazette. 335
- Agricultural value of the sewage of London examined.** 1865. *see* London—Metropolitan Board of Works. 1032
- Agriculturist's calculator**; a series of tables for . . . agriculture. [By D. B.]. 1867. *see* B., D. 73
- Aikman, Charles Morton**
- 21 Farmyard manure: its nature, composition, and treatment. W. Blackwood: Edinburgh & London, 1892. pp. [ii], xiii, 65, 8vo.
 - 22 The food of crops and how to apply it. (An elementary hand-book on the science and practice of manuring). Vinton: London, 1895. pp. viii, 87, 8vo.
 - 23 Manures and the principles of manuring. W. Blackwood: Edinburgh & London, 1894. pp. xxxi, 492, 8vo.
 - 24 Milk: its nature and composition. A hand-book on the chemistry and bacteriology of milk, butter, and cheese. A. & C. Black: London, 1895. pp. xiv, 180, frontis., illus., 8vo.
see Johnston, James Finlay Weir. Johnston's Elements of agricultural chemistry. Revised by C. M. Aikman. 17th ed. 1894. 898
- Ainslie, John**
- 25 The gentleman and farmer's pocket companion and assistant: consisting of tables for finding the contents of any piece of land . . . ; likewise, various other tables, of great use to every gentleman and farmer in Scotland. A. Constable: Edinburgh, 1812. pp. [iv], [ii], 14, 218, illus., sm. 8vo.
With additional engraved title-page.
- Aitken, Andrew, comp.**
- 26 Useful hints, and entertaining facts, anecdotes, observations on husbandry, and various other professions and sciences. Smith: Beith, 1845. pp. xii, 240, 8vo.
With autograph inscription by the compiler.
- Aiton, William**
- 27 General view of the agriculture of the county of Ayr . . . Drawn up for the Board of agriculture [etc.]. A. Napier: Glasgow; for Longman, [etc.]: London, [etc.], 1811. pp. xxix, [ii], 725, mp. frontis., pls. (incl. mps.), 8vo.

Aiton, William

- 28 General view of the agriculture of the county of Bute . . . drawn up for . . . the Board of agriculture [etc.]. A. Napier: Glasgow; for Longman, [etc.]: London, [etc.], 1816. pp. viii, [ii], 424, mp. frontis., pls., 8vo.
- 29 A treatise on the dairy breed of cows and dairy husbandry; with an account of the Lanarkshire breed of horses, &c. Bell & Bradfute, [etc.]: Edinburgh, [etc.], 1825. pp. [viii], xviii, 195, frontis., pls., 8vo.
- 30 A treatise on the origin, qualities, and cultivation of moss-earth, with directions for converting it into manure. Published at the desire . . . of the Highland society. Wilson & Paul, [etc.]: Air, [etc.], 1811. pp. [viii], xxxix, 357, 8vo.

With autograph inscription by the author.

Alderson, John

- 31 An essay on the rhus toxicodendron, pubescent poison oak, or sumach, with cases shewing it's [*sic*] efficacy in the cure of paralysis, and other diseases of extreme debility. Rawson, [etc.]: Hull, [etc.], 1793. pp. [iv], 34, frontis., 8vo.
- 32 On the improvement of poor soils . . . where lime and manure cannot be had. With an appendix and notes. W. Cowley: Hull, [1802]. pp. [vi], [3]-34, 8vo.

Alexander, Henry

- 33 Treatise on the nature and properties of the soils, of Norfolk, Suffolk and Essex, chemically and geologically considered, in relation to agricultural purposes. Whittaker: London; J. Munro: Woodbridge, 1841. pp. vi, [7]-66, 8vo.

On flyleaf: With the Author's kind regards.

Alexander, William

- 34 Notes and sketches illustrative of northern rural life in the eighteenth century. By the author of Johnny Gibb of Gushet-neuk [i.e. William Alexander], D. Douglas. Edinburgh, 1877. pp. viii, 221, [2], frontis., sm. 8vo.
- 35 Rinderpest in Aberdeenshire: the outbreak of 1865, and how it was stamped out. [By William Alexander.] Free Press Office: Aberdeen, 1882. pp. 76, 8vo.

Alison, sir Archibald, 1st bart.

- 36 Free trade and protection. W. Blackwood: Edinburgh & London, 1844. pp. 75, 8vo.

At head of title-page: *Reprinted for the Agricultural Protection Society. In AGRICULTURAL PROTECTION SOCIETY. Tracts issued up to 1844.* 20.

- Alison, William Pulteney. *see* Monypenny, David. Proposed alteration of the Scottish poor laws as stated by dr. Alison in his 'Observations on the management of the poor in Scotland', considered and commented on. 1840. 1221
- Allen, William, *fl.* 1756, *of Fobston, Pembrokeshire*
- 37 Ways and means to raise the value of land: or, The landlord's companion: with political discourses on the land-tax, war, and other subjects, occasionally intermixed. J. Roberts: London, 1756. pp. [xvi], 58, 8vo.
- Allen, William, 1770-1845, *F.R.S.*
- 38 A plan for diminishing the poor's rates in agricultural districts. Being a brief account of the objects and plans pursued . . . in the parish of Lindfield, in Sussex, by John Smith, M.P., and Wm. Allen, for bettering the condition of the agricultural poor. Longman, [etc.]: London, 1833. pp. 28, 8vo.
- Almack, John
- 39 Cheap bread and low wages. Extracted from a pamphlet by John Almack, jun. J. Ollivier: London, 1844. pp. 16, 8vo.
- In* AGRICULTURAL PROTECTION SOCIETY. Tracts issued up to 1844. 20.
- 40 American notions of free trade. Reprinted for the Agricultural protection society: [London, 1844]. pp. 8, 8vo.
- In* AGRICULTURAL PROTECTION SOCIETY. Tracts issued up to 1844. 20.
- Amicus Curiae, *pseud.*
- 41 Food for the million. Maize against potato. A case for the times: comprising the history, uses, & culture of Indian corn, and especially showing the practicability and necessity of cultivating the dwarf varieties, in England and Ireland. By Amicus Curiae. Longmans: London; F. Pawsey: Ipswich, 1847. pp. [vii], 160, [2], frontis., 8vo.
- Among the clods, or, Phases of farm life. As seen by a Town Mouse. 1884. *see* Town Mouse, *pseud.* 1756
- Amos, William
- 42 Minutes in agriculture and planting . . . Illustrated with specimens of eight sorts of the best, and two sorts of the worst natural grasses, and with accurate drawings and descriptions of . . . practical machines [etc.]. J. Hellaby: Boston; Lackington, Allen: London, 1804. pp. [ii], viii, 92, plts., la. 4to.
- 43 The theory and practice of the drill husbandry; founded upon philosophical principles, and confirmed by experience, [etc.]. 2nd ed. J. Hellaby: Boston; Lackington, Allen: London, 1802. pp. [ii], xvi, 244, plts., 4to.

Anderson, James

- 44 An account of the present state of the Hebrides and western coasts of Scotland: in which an attempt is made to explain the circumstances that have hitherto repressed the industry of the natives . . . Being the substance of a report to the Lords of Treasury, [etc.]. C. Elliot: Edinburgh; G. J. Robinson: London, 1785. pp. [iv], clxv, 452, plt. (mp.), 8vo.
- 45 ——. [Another copy, indetical except for pp. [i]–[iv]]. C. Elliot: Edinburgh; G. G. J. & J. Robinson: London, 1785.
More errata on p. [iv] of this copy than in the preceding, and therefore presumably a slightly later issue. In this copy. pp. clxi–clxv are misbound after p. 16.
- 46 ——. [Another ed.] M. Graisberry for Messrs. White, [etc.]: Dublin, 1786. pp. [viii], clxv, 452, mp. frontis., 8vo.
Essays on the management of the dairy . . . [By J. Anderson, J. Twamley and others.] new ed. 1816. *see* Twamley, Josiah. 1796
- 47 Essays relating to agriculture and rural affairs; in two parts. By a farmer [i.e. James Anderson]. T. Cadell: London; W. Creech: Edinburgh, 1775. pp. xxxiii, 472, plts., 8vo.
- 48 ——. volume second. Containing all the material additions made to the second edition [etc.]. By James Anderson. W. Creech: Edinburgh; T. Cadell: London, 1777.
pp. [xii], 272, 153 + 18 plts., 8vo.
- 49 General view of the agriculture and rural economy of the county of Aberdeen . . . Drawn up for the Board of agriculture [etc.]. Edinburgh, 1794.
pp. 181 [i.e. 182], [2], plt., 8vo. (sm. 4to).
pp. 181–2 wrongly numbered 180–1. Lacking pages 3–6.
- 50 An inquiry into the causes that have hitherto retarded the advancement of agriculture in Europe: with hints for removing the circumstances that have chiefly obstructed its progress. T. Cadell: London; C. Elliot: Edinburgh, 1779. pp. xi, 72, 4to.
- 51 Observations on the means of exciting a spirit of national industry; chiefly intended to promote the agriculture, commerce, manufactures, and fisheries, of Scotland, [etc.]. S. Price, [etc.]: Dublin, 1779. 2 vol., 8vo.
- 52 A practical treatise on draining bogs and swampy grounds . . . With cursory remarks upon . . . mr. Elkington's mode of draining . . ., directions for making a new kind of . . . fence . . ., disquisitions concerning the different breeds of sheep, and other domestic animals, [etc.]. G. G. & J. Robinson: London, 1797. pp. [iv], 308, plts., illus., 8vo.

Anderson, James

- 53 A practical treatise on peat moss. Considered as in its natural state fitted for affording fuel, or as susceptible of being converted into mold capable of yielding abundant crops [etc.]. Edinburgh, printed; for Robinson & Sons [etc.]: London, 1794. pp. xxvi, 150, 8vo.
- 54 Recreations in agriculture, natural-history, arts and miscellaneous literature. J. Wallis; R. H. Evans: London, 1799-1802. 6 vol. 8vo.
- 55 Two letters to sir John Sinclair . . . on the subject of draining wet and boggy lands &c. G. G. J. & J. Robinson: London; J. Guthrie: Edinburgh, 1796. pp. [ii], 31, 8vo.
see Hayes, Samuel. Essays in answer to all the queries on the culture of potatoes. With memoirs, and remarks, letters, &c. by James Anderson [and others]. 1797. 766
see Pallas, Peter Simon. An account of the different kinds of sheep found in the Russian dominions. To which is added, five appendixes tending to illustrate the natural and economical history of sheep. By James Anderson. 1794. 1298

Anderson, James and Gisborne, Thomas

- 56 Plans and descriptions of single-horse carts, communicated to Thomas B. Bayley. G. Nicholson: Manchester, 1795. pp. 16, 8vo.

Anderson, Thomas

- 57 Elements of agricultural chemistry. A. & C. Black: Edinburgh, 1860. pp. viii, 299, 8vo.

Andrews, George Henry

- 58 Modern husbandry; a practical and scientific treatise on agriculture, [etc.]. N. Cooke: London, 1853. pp. x, 404, frontis., plts., illus., 8vo.
- 59 Rudimentary treatise on agricultural engineering. (*Weale's Rudimentary Series*, 63). Weale: London, 1852-53. 3 vol. [in 1], 8vo.

Andrews, Michael

- 60 Instructions for the culture and preparation of flax in Ireland. 6th issue, revised. Flax Supply Assoc.: Belfast, 1872. pp. 29, illus., 8vo.

Andrews, William G.

An essay on the properties, habits and culture of the potato. *in* Dublin Society. Prize essays on the potato, and the causes of the late partial failures. 1835. 528

Angell, Arthur, *jt. author*

see Hehner, Otto and Angell, Arthur. Butter: its analysis and adulterations. 2nd ed. 1877. 775

Animals

Domestic animals: containing instruction for the rearing . . . and management of milch cows, pigs, poultry [etc.]. 1840. *see* Domestic animals . . . 495

Annals of agriculture, and other useful arts. Collected and published by Arthur Young. 1784–1806. *see* Young, Arthur, 1741–1820. 1969

Antisell, Thomas

- 61 A manual of agricultural chemistry, with its application to the soils of Ireland. J. McGlashan: Dublin; W. S. Orr: London, 1846. pp. xx, 83, sm. 8vo.

Arbuthnot, James, *ed.*

- 62 A true method of treating light hazely ground; or, An exact relation of the practice of farmers in Buchan: containing rules for infields, outfields, haughs, and laighs. By a Society of farmers in Buchan. [Edited by James Arbuthnot]. J. Moir for the Buchan Agricultural Society: Edinburgh, 1811. pp. xvi, 9–90, 8vo.

Reprinted by the Buchan agricultural society from the edition of 1755. For another reprint, *see* SOUTER, David. General view of the agriculture of Banff. 1812. 1648

See also Supplementary Notes, p. 290.

Arbuthnot, John, *of Mitcham*

Instructions on the formation of ploughs. *in* Small, James. A treatise on ploughs and wheel carriages. To which is annexed, Arbuthnot's Instructions on the formation of ploughs. 1802. 1607

see Young, Arthur, 1741–1820. On the husbandry of three celebrated British farmers, messrs. Bakewell, Arbuthnot, and Duckett. 1811. 1993

Archer, Alfred Herbert

A veterinary vade-mecum. *in* Sheldon, John Prince, *ed.* Live stock in health and disease. With chapters on dairy farming and a full and detailed veterinary vade-mecum, by A. H. Archer. [1902]. 1553

see Sinclair, James. Sheep: domestic breeds and their treatment. new ed. The veterinary section revised by A. H. Archer. 1896. 1583

- Archer, Joseph**
- 63 Statistical survey of County Dublin . . . drawn up for . . . the Dublin society. Graisberry & Campbell: Dublin, 1801. pp. 13, [8], 276, [8], plt. (mp.), illus., 8vo.
see Dutton, Hely. Observations on mr. Archer's Statistical survey of the county of Dublin. 1802. 540
- Archer, Thomas Croxen**
- 64 Profitable plants; a description of the principal articles of vegetable origin used for food, clothing, tanning, dyeing, building, medicine, perfumery, etc. Routledge, Warne & Routledge: London, 1865. pp. xv, 359, frontis., plts., sm. 8vo.
- Arloing, Saturnin, ed.**
see Chauveau, Jean Baptiste Auguste. The comparative anatomy of the domesticated animals. 2nd ed., revised and enlarged, with the co-operation of S. Arloing. 1873. 327
- Armatage, George**
- 65 The horse: how to feed him, avoid disease, and save money. F. Warne: London, 1868. pp. xi, 116, sm. 8vo.
- 66 The horseowner and stableman's companion: or, Hints on the selection, purchase, and general management of the horse. [2nd ed.] F. Warne: London; Scribner: New York, [1871]. pp. xii, 237, [6], frontis., 8vo.
 This ed. embodies The horse: how to feed him [etc.].
- 67 The sheep: its varieties and management in health and disease. Revised and enlarged by George Armatage. F. Warne: London & New York, 1894. pp. xv, 220, frontis., plts., illus., 8vo.
 This is a later edition of a work first published anonymously about 1875 (*see no. 1547 The SHEEP, its varieties [etc.]*); but it is so much expanded that it may be considered virtually a new work.
see Clater, Francis. Every man his own cattle doctor. Entirely re-written to the present date by George Armatage. 2nd ed. [c. 1885]. 352
- The Art of brewing.** [By David Booth. c. 1829].
see Booth, David. 195
- Arthur, Robert**
- 68 The potato problem solved. The cause of disease in the potato pointed out; remedies exemplified; and new systems of potato cultivation proposed. W. H. Lizars, [etc.]: Edinburgh, [etc.], 1845. pp. vi, [7]-47, sm. 8vo.
- Ashburner, Robert William**
- 69 Shorthorn experiences, written at the request of a few breeders. H. T. Cooke: Warwick; Simpkin, Marshall: London, [1888]. pp. vii, 207, frontis., plt., 8vo.

Ashburner, Robert William

- 70 The shorthorn herds of England, 1885-6-7. H. T. Cooke: Warwick; Simpkin, Marshall: London, [1888]. pp. [viii], 460, xxxii, 8vo.

Aslin, Mary S., *comp.*

see Rothamsted Experimental Station—Library. Catalogue of the printed books on agriculture published between 1471 and 1840. [1926, etc.]. 1494-5

Assistant

The complete assistant for the landed proprietor, estate and house agent, [etc.]. 1824. *see* The Complete assistant . . . 377

Attiret, Jean Denis

- 71 A particular account of the Emperor of China's gardens near Peking . . . Translated from the French by sir Harry Beaumont [i.e. Joseph Spence]. R. Dodsley; M. Cooper: London, 1752. pp. vi, 50, 8vo.

Pages i-ii wanting.

Atwater, V. G. B., *jt. author*

see Fussell, George Edwin and Atwater, V. G. B. Agriculture of rural England in the seventeenth century. [c. 1955]. 657

Author of A word in season to the farmer. *see* Smith, Samuel, 1794-1867, *vicar of Lois Weedon*. 1623-4

Author of British husbandry. *see* Burke, John French. 267-9

Author of Johnny Gibb of Gushetneuk. *see* Alexander, William. 34-5

Author of Our farm of four acres. *see* Coulton, *miss*. 404-6

Author of The complete grazier. *see* Horne, Thomas Hartwell. 823-6

Author of The farmer's letters. *see* Young, Arthur, 1741-1820. 1969-2000

Author of The laws of landlord and tenant. *see* Bird, James Barry. 160

Author of The reason why. *see* Philp, Robert Kemp. 1339

Avery, W. & T., *ltd.*

- 72 Avery's Handbook of cattle weighing, for farmers, stock breeders, cattle salesmen, and others. With live weight tables. W. & T. Avery: Birmingham & London, 1892. pp. 60, illus., 8vo.

Axe, J. Wortley

Diseases of cattle, *in* Housman, William. Cattle. Breeds and management. With a chapter on diseases of cattle, by J. Wortley Axe. 3rd ed. [1902]. 835

- B., D.
 73 The agriculturist's calculator: a series of tables for the use of all engaged in agriculture or the management of landed property. Blackie: London, [etc.], 1867.
 pp. viii, 591, frontis., 8vo.
 Preface signed: D.B.
- B., D., *gent.*
 A rare and excellent discourse of minerals, stones, gums, and rosins. [Attributed to Arnold Boate or de Boot.] in *Plat, sir Hugh*. The jewel house of art and nature. Whereunto is added, A rare and excellent discourse of minerals, stones, gums, and rosins, by D.B., *gent.* 1653. 1354
- B., I. W.
 Some hints for the better improvement of husbandry. 1762.
see Baker, John Wynn. 96
- B., J.
 The epitomie of the art of husbandry. 1685. *see Blagrave, Joseph.* 173
- Bacon, Richard Noverre
 74 The report on the agriculture of Norfolk, to which the prize was awarded by the Royal agricultural society of England. Ridgways; Chapman & Hall: London, 1844.
 pp. viii, 412, frontis., plts., illus., 8vo.
- 75 A report of the transactions at the Holkham sheep-shearing, on July 2, 3, 4, and 5, [1821]. Burks & Kinnebrook: Norwich; J. Harding: London, [1821]. pp. vi, 124, frontis., 8vo.
- Badcock, Benjamin
 76 Tables exhibiting the prices of wheat, from the year 1100 to 1830; also the prices of beans, barley and oats, from 1790 to 1830; together with sundry statements relative to the value of money, importation duties, day labour, etc. Longman: London; H. Slatter: Oxford, 1832. pp. 8, [2], frontis., plts., fol.
- Badnall, Richard
 77 Letter to the Lords and Commons, on the present commercial and agricultural condition of Great Britain. Whittaker, Treacher: London; G. Smith: Liverpool, 1850. pp. ix, 191, 8vo.
- Bailey, John
 78 An essay on the construction of the plough, deduced from mathematical principles and experiments. With an appendix; containing the description of a drill, upon a new construction, for sowing all kinds of grain, in any quantity, and at any distance. S. Hodgson: Newcastle; for G. G. & J. Robinson: London, 1795. pp. [viii], 71, plts., 8vo.

Bailey, John

- 79 General view of the agriculture of the county of Durham . . . Drawn up for . . . the Board of agriculture [etc.]. R. Phillips: London, 1810. pp. xiv, 412, mp. frontis., plts., illus., 8vo.

Bailey, John and Culley, George

- 80 General view of the agriculture of the county of Cumberland . . . Drawn up for the Board of agriculture [etc.]. C. Macrae: London, 1794. pp. 51, 8vo. (sm. 4to.)
- 81 General view of the agriculture of the county of Northumberland . . . Drawn up for . . . the Board of agriculture [etc.]. C. Macrae: London, 1794. pp. 63, 7, 7, 8vo. (sm. 4to.)
- 82 ———. [Another ed.]. S. Hodgson, [etc.]: Newcastle, [etc.], 1800. pp. viii, 209, [2], mp. frontis., plts., illus., 8vo.
- 83 General view of the agriculture of the county of Northumberland [and the counties of Cumberland and Westmoreland] . . . Drawn up for . . . the Board of agriculture [etc.]. S. Hodgson: Newcastle; Robinson, [etc.]: London, 1797. pp. viii, 317, [2], mp. frontis., plts. (incl. mps.), 8vo.
The Cumberland and Westmoreland surveys have separate title-pages. The survey of Westmoreland is by A. Pringle.
- 84 ———. 3rd ed. R. Phillips: London, 1805. pp. xx, 361, 2, mp. frontis., plts. (incl. mps.), illus., 8vo.
- 85 ———. 3rd ed. [Another issue]. Sherwood, Neely & Jones: London, 1813.

Bailey, Liberty Hyde, ed.

- 86 The principles of agriculture: a text-book for schools and rural societies. Macmillan: New York [and] London, 1898. pp. xv, 300, illus., 8vo.

Bailey, Nathaniel

Dictionarium rusticum & urbanicum. [Formerly attributed to Nathaniel Bailey]. 1704. *see* **Dictionarium rusticum & urbanicum**. 488

Bailey, William

- 87 The advancement of arts, manufactures, and commerce; or, Descriptions of the useful machines and models contained in the repository of the Society for the encouragement of arts, manufactures, and commerce. Together with an account of the several discoveries and improvements promoted by the Society, in agriculture, [etc.]. W. Adlard, [etc.]: London, 1772. pp. viii, xxxii, 400, 4to., and volume of 55 plates, fol.

Bailey, William, jun., and co., Edinburgh

- 88 British agriculture, as illustrated by the accounts of a Mid-Lothian farmer; embracing the expense of cultivation and returns of produce for a series of years, [etc.]. Edmonston & Douglas: Edinburgh; Hamilton, Adams: London, 1857. pp. xi, 89, 8vo.

Printed for Wm. Bailey, jun., chemical manure manufacturer, Edinburgh.

Bailiff

The farm bailiff. [c. 1850?] *see* The Farm bailiff. 590

Baird, George Husband, praeses. *see* Hughes, Francis James.
De calcis usu in agricultura. 1812. 841

Baird, Thomas

- 89 General view of the agriculture of the county of Middlesex . . . Drawn up for . . . the Board of agriculture [etc.]. J. Nichols: London, 1795. pp. [4], 51, 8vo. (sm. 4to.)

Baker, Charles

- 90 Treatise for the preventing of the smut in wheat. J. Rose: Bristol, 1797. pp. 29, [2], 8vo.

With the author's signature.

Baker, John Wynn

- 91 Experiments in agriculture, made under the direction of the Dublin society, in . . . 1764, [etc.]. S. Powell; G. Faulkner: Dublin, 1765. pp. [iv], xii, 176, [8], plts., 8vo.
- 92 Experiments in agriculture, made under the direction of the Dublin society, in . . . 1765, [etc.]. S. Powell; G. Faulkner: Dublin, 1766. pp. [xvi], 87, plts., 8vo.
- 93 A plan for instructing youths in the knowledge of husbandry, published at the request of the Dublin society. S. Powell: Dublin, 1765. pp. 16, 8vo.
- 94 Practical agriculture epitomized, and adapted to the tenantry of Ireland; with considerations upon the Dublin society's premiums for husbandry, and a plan for an entire change of form therein; [etc.]. S. Powell; G. Faulkner: Dublin, 1771. pp. 164, plt., 8vo.
- 95 A short description and list, with the prices of the instruments of husbandry, made in the factory at Laughlinstown, near Celbridge, in the county of Kildare, established and conducted by John Wynn Baker [etc.]. S. Powell; G. Faulkner: Dublin, 1767. pp. 32, 8vo.

Baker, John Wynn

- 96 Some hints for the better improvement of husbandry, and reducing it to a rational and intelligible system. In a letter . . . to . . . the earl of Halifax, . . . president of the Dublin society, [etc.]. L. Flin: Dublin, 1762. pp. [ii], iv, 3-86, [ii], 8vo.

The two leaves constituting pp. i-iv, containing "To the Reader", are an insertion, and include on p. iv a list of errata: hence the peculiar pagination. Letter signed I.W.B.

Baker, Robert

- 97 An answer from R. Baker, of Writtle, to earl Ducie. Agricultural Protection Society: [London], 1844. pp. 11, 8vo.

In AGRICULTURAL PROTECTION SOCIETY. Tracts issued up to 1844. 20.

Baker, T. H., comp.

- 98 Records of the seasons, prices of agricultural produce, and phenomena observed in the British Isles. Simpkin, Marshall: London; B. W. Coates: Warminster, [1885]. pp. vii, 360, 8vo.

Bakewell, Robert, 1725-1795, of Dishley, sheep-breeder. see Young, Arthur, 1741-1820. On the husbandry of three celebrated British farmers, messrs. Bakewell, Arbutnot, and Duckett. 1811. 1993

Bakewell, Robert, 1768-1843, geologist

- 99 Observations on the influence of soil and climate upon wool; from which is deduced a . . . method of improving the quality of English clothing wools, and preserving the health of sheep; with hints for the management of sheep after shearing, [etc.]. With occasional notes and remarks by lord Somerville. J. Harding: London, 1808. pp. ix [i.e. xi], 157, 8vo.

Bald, Alexander

- 100 The farmer and corn-dealer's assistant; or, The knowledge of weights and measures made easy, by a variety of tables, [etc.]. Macfarquhar & Elliot: Edinburgh; for W. Anderson, [etc.]: Stirling, [etc.], 1780. pp. xi, 454, 8vo.

Baldwin, Thomas

- 101 Agricultural essays. No. 1: Soils. W. Robertson, [etc.]: Dublin, [etc.], 1859. pp. [vi], 46, 8vo.
- 102 Introduction to Irish farming. Macmillan: London, 1874. pp. [iii]-xii, 169, illus., sm. 8vo.
- 103 Small farms made profitable. Sold by all booksellers: [Dublin], 1871. pp. x, [11]-75, illus., 8vo.

Ball, John

The farmer's compleat guide [attributed to J. Ball]. 1760. see The Farmer's compleat guide . . . 594

- Bamber, Richard Parr**
- 104 Observations on guano as a manure for potatoes. Read November 26th, 1844. [n.p. c. 1846]. pp. [348]–367, 8vo.
From Memoirs of the Literary and philosophical society of Manchester, 2nd ser., vol. 7, 1846.
- Banister, John**
- 105 A synopsis of husbandry. Being cursory observations in the several branches of rural oeconomy [etc.]. G. G. & J. Robinson: London, 1799. pp. xvi, 471, plt., 8vo.
- Banks, sir Joseph, 1st bart.**
- 106 A short account of the cause of the disease in corn, called by farmers the blight, the mildew, and the rust. J. Harding: London, 1805. pp. 31, plt., 8vo.
This work occurs also as an appendix to William Curtis's Practical directions for laying down or improving meadow and pasture land. 1834. 438.
- 107 Some circumstances relative to merino sheep [etc.]. W. Bulmer: London, 1809. pp. [ii], 10, 4to.
see Sebright, sir John Saunders, 7th bart. The art of improving the breeds of domestic animals. In a letter addressed to sir Joseph Banks. 1809. 1539
- Barnes, Thomas**
- 108 A new method of propagating fruit-trees, and flowering shrubs, [etc.]. 2nd ed. R. Baldwin; J. Jackson: London, 1759. pp. [ii], 42, plts., 8vo.
- Barratt, William**
- 109 Observations on the best mode of laying down lands for permanent grass, [etc.]. 5th ed. Longman; J. Ridgway: London, 1849. pp. 18, 8vo.
followed by his
- 110 Observations on the selection and cultivation of grasses in alternate husbandry, [etc.]. 2nd ed. T. Micklethwaite: Wakefield, 1849. pp. 18, 8vo.
and his
- 111 An inquiry as to the best mode of improving and renovating old permanent pastures, [etc.]. T. Micklethwaite: Wakefield, 1850. pp. 14, 8vo.
Published together with cover title Grass! grass! grass! [etc.] T. Micklethwaite: Wakefield, 1850. All three are papers read before the Wakefield farmers' club.

Bartlet, J.

- 112 The gentleman's farriery: or, A practical treatise on the diseases of horses: wherein . . . m. La Fosse's method of trepanning glandered horses is particularly considered and improved, [etc.]. 9th ed., rev. J. Nourse, [etc.]: London; J. Pote: Eton, 1777. pp. xxviii, 370, [10], frontis., pls., 8vo.
- 113 Pharmacopoeia hippiatrica: or, The gentleman farrier's repository, [etc.]. 2nd ed. T. Pote: Eton, 1766. pp. xiv, 392, sm. 8vo.

Barton, John

- 114 The influence of the price of corn on the rate of mortality. [n.p., c. 1844]. pp. 16, 8vo.
In AGRICULTURAL PROTECTION SOCIETY. Tracts issued up to 1844. 20.

Barty, James Strachan. 'Peter Plough', pseud.

- 115 Peter Plough's letters to lord Kinnaird, on high farming and free trade. W. Blackwood, [etc.]: Edinburgh, [etc.], 1850. pp. [ii], 62, 8vo.
- 116 ——. 2nd ed. W. Blackwood, [etc.]: Edinburgh, [etc.], 1850. pp. [ii], 62, 8vo.

Batchelor, Thomas

- 117 General view of the agriculture of the county of Bedford; drawn up by order of the Board of agriculture [etc.]. R. Phillips: London, 1808. pp. xv, 636, [6], mp. frontis., pls., illus., 8vo.
- 118 ——. [Another issue.] Sherwood, Neely & Jones: London, 1815.

Bate, Thomas

- 119 The food of plants. A plain treatise on manures. E. Thomas: Chester, 1861. pp. 28, 8vo.

Bates, Cadwallader John

- 120 Thomas Bates and the Kirklevington shorthorns: a contribution to the history of pure Durham cattle. R. Redpath: Newcastle upon Tyne, 1897. pp. xxii, [ii], 515, frontis., pls., illus., 8vo.
With inscription by the author.

Bates, Thomas

- 121 Address to the Board of agriculture . . . on the importance of an institution for ascertaining the merits of the different breeds of live-stock; [etc.]. Preston & Heaton for J. Bell: Newcastle upon Tyne, 1808. pp. 20, 8vo.
On title-page: The Author to Mr Surtees.

Bates, Thomas

- 122 The history of improved short-horn or Durham cattle, and of the Kirklevington herd, from the notes of the late Thomas Bates. With a memoir, by Thomas Bell. R. Redpath: Newcastle-upon-Tyne, 1871. pp. [ii], ix, 371, [ii], frontis., pls., 8vo. *see* Bates, Cadwallader John. Thomas Bates and the Kirklevington shorthorns: a contribution to the history of pure Durham cattle. 1897. 120

Bath and West of England Society

- 123 Letters and papers on agriculture, planting, &c. selected from the correspondence-book of the Society instituted at Bath, for the encouragement of agriculture, [etc.]. Vol. 1-4, [1783-1788]. R. Cruttwell, for the Society: Bath; C. Dilly: London, 1788. 4 vol., 8vo.

Vol. 1 is of the 3rd ed., vol. 2 and 3 are of the 2nd ed.

- 124 Letters and papers on agriculture, planting, &c. selected from the correspondence of the Bath and West of England society, [etc.]. Originally published in nine volumes, abridged in two. R. Cruttwell: Bath; G. & J. Robinson, London, 1802. 2 vol., 8vo.
- 125 Journal of the Bath and West and Southern counties society. 4th series, vol. 6, 7, 1895-96, 1896-97. E. Stanford: London, 1896-97. 8vo.

Batho, Edith Clara

- 126 Notes on the bibliography of James Hogg, the Ettrick shepherd. Bibliographical Society: London, 1935. pp. [ii], [309]-326, 8vo.

Reprinted from *The Library*, 4th ser., vol. 16, 1935.

Bathurst, Charles, ed.

see Cirencester—Royal Agricultural College. Register of the staff and students at the college from 1844 to 1897. [Compiled by C. Bathurst and E. Kinch.] 1898. 339

Baxter, John, publisher

- 127 The agricultural and horticultural gleaner, [etc.]. Sussex Agricultural Press (Baxter): Lewes, 1836. pp. [viii], 301, frontis., 8vo.

With additional engraved t.p., on which the word 'gleaner' is printed over an erasure. On the verso of p. 301 appears the beginning of *An Almanack for 1836*: this has been cancelled by the pasting down of a blank leaf over the page.

- 128 Baxter's highly approved Farmer's account book, in four parts, [etc.]. 16th ed. J. Baxter, Sussex Press, [etc.]: Lewes, [etc.], 1819. unpag'd blanks, fol.

Baxter, John, *publisher*

- 129 The library of agricultural and horticultural knowledge; with an appendix, containing an abridgement of the principal laws relating to farming and rural affairs. 2nd ed., greatly enlarged. J. Baxter: Lewes; G. Baxter; Simpkin & Marshall: London, 1852. pp. [viii], 668, frontis., illus., la. 8vo.

- 130 Baxter's Library of practical agriculture, a work of reference to farming, breeding, grazing, dairy management, gardening, and rural affairs . . . With memoirs of the duke of Richmond and the late John Ellman, [by F. P. Walesby]. 4th ed., greatly enlarged. Baxter: Lewes; Simpkin, Marshall; Ridgways: London, 1846. 2 vol., la. 8vo.

Baxter, William Edward

- 131 Our land laws of the past. (*Cobden Club*). Cassell: London, [1880]. pp. 32, 8vo.

No title-page: the title should appear on the covers but these are lacking: title supplied from B.M. copy.

Bayldon, J. S.

- 132 The art of valuing rents and tillages, and the tenant's right on entering and quitting farms, explained [etc.]. 4th ed., corrected and enlarged. Longman: London, 1852. pp. vii, 210, frontis., 8vo.

- 133 ———. 6th ed., corrected and rev. by John Donaldson. Longman: London, 1844. pp. viii, 336, frontis., 8vo.

Bayley, Thomas B.

- 134 Thoughts on the necessity and advantages of care and oeconomy in collecting and preserving different substances for manure. 2nd ed., with additions. G. Nicholson: Manchester; T. Knott: London, 1796. pp. [ii], 23, 8vo.

see Anderson, James and Gisborne, Thomas. Plans and descriptions of single-horse carts, communicated to Thomas B. Bayley. 1795. 56

Bear, William E.

- 135 The British farmer and his competitors. (*Cobden Club*). Cassell: London, [etc.], [1888]. pp. 168, 8vo.

- 136 A study of small holdings. (*Cobden Club*). Cassell: London, [etc.], 1893. pp. 98, 8vo.

Beatson, Alexander

- 137 A new system of cultivation, without lime, or dung, or summer fallows, as practised at Knowle farm, in . . . Sussex. 2nd ed. G. & W. Nicol; J. Booth: London, 1821. pp. xv, 163, frontis., pls., 8vo.

Followed by 138

- Beatson, Alexander
- 138 A supplement to A new system of cultivation, . . . containing observations upon the construction and uses of a new agricultural implement, with some notices on calcining clay or soil, and on burning with stubble the surface soil for manure. G. & W. Nicol; J. Booth: London, 1821.
pp. xxx, [ii], 59, pls., 8vo.
Bound with 137
- Beatson, Robert
- 139 General view of the agriculture of the county of Fife . . . Drawn up for . . . the Board of agriculture [etc.]. A. Chapman: Edinburgh, 1794. pp. v, 37, 8vo. (sm. 4to.)
- Beaumont, *sir* Harry, i.e. Joseph Spence. *see* Spence, Joseph
- Beazeley, Alexander
- 140 The reclamation of land from tidal waters: a handbook for engineers, landed proprietors, and others [etc.]. C. Lockwood: London, 1900. pp. xii, 314, illus., 8vo.
- Bedford, Herbrand Arthur Russell, 11th duke of.
see Russell. 1512-3
- Bedford Level
- An essay on draining: more particularly with regard to . . . Bedford level. 1729.
see Trafford, Sigismund, *born* Boehm. 1762
- Bee-keeping
- Modern bee-keeping. [Prepared by F. R. Cheshire for the British Bee-Keepers' Association]. 2nd ed. 1881. *see* British Bee-Keepers' Association. 226
- Beesley, George
- 141 A report on the state of agriculture in Lancashire; with observations on the political position and general prospects of the agricultural classes; and a tabular statement of the prices of corn and wages of husbandry, etc., at various periods since the Norman conquest. Dobson, [etc.]: Preston, [etc.], 1849. pp. 70, vi, 8vo.
- Beeton, Samuel Orchard
- 142 Beeton's Farmer's own book, comprising full and practical instructions on . . . the management of . . . live stock in health and sickness, for sale or breeding purposes. [etc.]. Ward, Lock: London [and] New York, [c. 1895?].
pp. vi, [ii], 632, illus., 8vo.

Beeton, Samuel Orchart

- 143 Beeton's Field, farm and garden: comprising full and practical information on . . . country sports, tree-culture, . . . the choice and management of a farm, [etc.]. Ward, Lock: London [and] New York, [c. 1895?]. pp. x, [ii], 660, illus., 8vo.

Nos. 142 and 143 were also published together in one volume under the title of *Ward & Lock's Book of farm management*. [1881], no. 1860. Separate sections of each were also published anonymously under various titles (e.g. 399, 413, 1548).

Beever, William Holt

- 144 An alphabetical arrangement of the leading shorthorn tribes, with notes for the use of breeders. [2nd ed.] J. Thornton: London, [c. 1885?]. pp. viii, 304, 8vo.
- 145 The daily life of our farm. Bradbury, Evans: London, 1871. pp. xiii, 313, frontis., 8vo.
On half-title: From Author.
- 146 Notes on fields and cattle, from the diary of an amateur farmer. To which is appended a prize essay on time of entry on farms, [etc.]. Chapman & Hall: London, 1862. pp. xv, 275, 8vo.
- 147 Successful farming; its essentials, &c. From the diary of an amateur farmer. Bradbury, Evans: London, 1870. pp. viii, 223, illus., 8vo.

Belfast—Royal Society for the Promotion and Improvement of the Growth of Flax in Ireland. *see* Royal Society for the Promotion and Improvement of the Growth of Flax in Ireland

Bell, Benjamin

- 148 Essays on agriculture, with a plan for the speedy and general improvement of land in Great Britain. Bell & Bradfute, [etc.]: Edinburgh, [etc.], 1802. pp. xlv, 25–549, 8vo.

Bell, James

- 149 The chemistry of foods. Part 2. Milk, butter, cheese, cereal foods, prepared starches, etc. (*South Kensington Museum Science Handbooks*.) Chapman & Hall: London, 1885. pp. vi, [ii], 179, illus., 8vo.

Pt. 2 of *The analysis and adulteration of foods*. 2 vol. 1881–83.

Bell, Thomas, of Eccleshall

Memoir of mr. Bates. *in* Bates, Thomas. The history of improved short-horn or Durham cattle. With a memoir, by Thomas Bell. 1871. 122

Bell, Thomas, of Hedley-Hall, Newcastle-upon-Tyne. *see* Wallace, Robert. A central normal school of agriculture. Letter by professor Robert Wallace in reply to mr. Thomas Bell. [1890]. 1848

Bell's Agricultural Series

- Fream, W. Soils and their properties. 1890. 641
Griffiths, A. B. The diseases of crops and their remedies. 1890. 723
Griffiths, A. B. Manures and their uses. 1889. 724
Malden, W. J. Tillage. 1891. 1122
Sheldon, J. P. The farm and the dairy. 2nd ed. 1893. 1551

Belsches, R.

- 150 General view of the agriculture of the county of Stirling . . .
Drawn up for . . . the Board of agriculture [etc.]. A. Neill:
Edinburgh, 1796. pp. [2], vii, [9]–64, illus., 8vo. (sm. 4to.)

Benson, Charles

- India in 1887 as seen by Robert Wallace: a brief reply.
see Wallace, Robert. A review of a specimen of the work of
the agricultural department of Madras. Being a criticism of
a pamphlet written by mr. C. Benson. 1889. 1849

Benson, John, *jt. author*

- see* Long, James *and* Benson, John. Cheese and cheese-making,
butter and milk. 1896. 1047

Berger, Alexander Mal

- The calendar of flora, Swedish and English. *in* Stillingfleet,
Benjamin. The calendar of flora. 1761. 1678

Bernard, sir Thomas, 2nd bart.

- 151 Account of Britton Abbot's cottage and garden; and of a
cottager's garden in Shropshire: to which is added Jonas
Hobson's advice to his children, and the contrast between a
religious and sinful life. Printed for the Society [for bettering
the condition and increasing the comforts of the poor]. London,
1806. pp. [ii], [5]–23, [5]–18, [1], [2], 8vo.

See Supplementary Notes, p. 290.

Berry, Henry

- 152 Improved short-horns, and their pretensions stated; being an
account of this celebrated breed of cattle, derived from
authentic sources. To which is added, An enquiry as to their
value for general purposes, placed in competition with the
improved Herefords. 2nd ed. J. Ridgway: London, 1830.
pp. 6, [ii], [5]–81, 8vo.

Best, Henry

- 153 Rural economy in Yorkshire in 1641, being the farming and
account books of Henry Best, of Elmswell, in the East riding
of the county of York. [Edited by Charles Best Robinson].
(*Surtees Society*, 33). G. Andrews, [etc.]: Durham, [etc.], 1857.
pp. ix, [ii], 187, frontis., plt., 8vo.

Betham-Edwards, Matilda Barbara. *see* Edwards

Bewick, Thomas, *illus.*

see Howitt, William. The rural life of England. 2nd ed. 1840. 838

Biddell, Herman, *and others*

- 154 Heavy horses. Breeds and management. (*Live Stock Hand-books*, 3: *gen. ed. J. Sinclair*). 3rd ed. Vinton: London, 1898. pp. [iv], 219, pls., 8vo.

Billing, Robert

- 155 An account of the culture of carrots; and their great use in feeding and fattening cattle. Published by desire of the Society for the encouragement of arts, [etc.]. J. Dodsley: London, 1765. pp. 31, 8vo.

Billingsley, John

- 156 General view of the agriculture in the county of Somerset . . . Drawn up for . . . the Board of agriculture [etc.]. W. Smith: London, 1794. pp. 192, [2], mp. frontis., plt. (mp.), 8vo. (sm. 4to.)
- 157 General view of the agriculture of the county of Somerset . . . Drawn up in the year 1795, for . . . the Board of agriculture . . . And now re-printed with considerable additions and amendments. [etc.]. R. Cruttwell: Bath; C. Dilly: London, 1797. pp. 16, x, [11]–320, mp. frontis., pls. (incl. mp.), 8vo.
- 158 ——. 2nd ed. R. Cruttwell: Bath; C. Dilly: London, 1798. pp. 16, x, [11]–320, mp. frontis., pls. (incl. mp.), 8vo.

Binns, Jonathan

- 159 Notes on the agriculture of Lancashire, with suggestions for its improvement. Dobson, [etc.]: Preston, [etc.], 1851. pp. 161, [2], pls. (incl. mp.), 8vo.

Bird, James Barry

- 160 The laws respecting commons and commoners; . . . in which the law relative to the inclosing of commons, is particularly attended to . . . 2nd ed., corrected and enlarged. By the author of *The laws of landlord and tenant* [i.e. J. B. Bird]. W. Clarke: London, 1806. pp. [iv], 108, [4], 8vo.

Birnie, Moses

- 161 A series of experiments in agriculture, with a view to ascertain the comparative value of . . . manures, . . . made . . . from 1821 to 1828, inclusive. Also, experiments to ascertain the effects, strength, and duration of the more common kinds of manure. Together with remarks upon, and a new . . . remedy proposed for . . . the turnip-fly. [By Moses Birnie]. J. Davidson: Aberdeen, 1829. pp. xi, 131, 8vo.

Bischoff, James

- 162 A comprehensive history of the woollen and worsted manufactures, and the natural and commercial history of sheep, from the earliest records to the present period. Smith, Elder: London; Baines & Newsome: Leeds, 1842. 2 vol. 8vo.
- 163 The wool question considered: being an examination of the report from the Select committee of the House of Lords . . . [on] the British wool trade, and an answer to earl Stanhope's letter to the owners & occupiers of sheep farms. J. Richardson: London; J. Baines: Leeds, 1828. pp. 112, 8vo.
- see* Western, Charles Callis, 1st baron. A letter on the management of merino sheep, addressed to J. Bischoff. 1842. 1886

Bishton, J.

- 164 General view of the agriculture of the county of Salop . . . Drawn up for . . . the Board of agriculture [etc.]. P. Norbury: Brentford, 1794. pp. 38, [2], 8vo. (sm. 4to.)

Black, James

- 165 Observations on the tillage of the earth, and on the theory of instruments adapted to this end. P. Elmsley: London, 1777. pp. [iv], 42, plts., 4to.

Blacker, William

- 166 An essay on the improvement to be made in the cultivation of small farms, by the introduction of green crops and house-feeding the stock thereon. Tenants' edition. W. Curry, [etc.]: Dublin, [etc.], [1835]. pp. iv, [5]–96, 8vo.
- 167 ——. 5th ed. Hardy & Walker, [etc.]: Dublin, [etc.], 1837. pp. xxxi, iii, [5]–90, illus., 8vo.
- 168 Prize essay . . . On the management of landed property in Ireland; the consolidation of small farms, employment of the poor, etc., etc. W. Curry, [etc.]: Dublin, [etc.], 1834. pp. x, 41, 8vo.
- 169 Review of Charles Shaw Lefevre, esq.'s Letter to his constituents, as chairman of the Select committee appointed to inquire into the present state of agriculture. R. Groombridge, [etc.]: London, [etc.], 1837. pp. iv, 79, 8vo.

Blacklock, Ambrose

- 170 A treatise on sheep: the best means for their improvement, general management, and the treatment of their diseases. With a chapter on wool, and history of the wool trade; and the management of sheep in Australia. 12th ed. Groombridge & sons: London, 1853. pp. xiii, 256, plts., sm. 8vo.

- Blackshaw, Mary and Blackshaw, Jessie**
 171 Buttermaking for our pupils. 2nd ed. Claye, Brown & Claye: Macclesfield, 1894. pp. 23, [2], 8vo.
- Blackwell, Alexander**
 172 A new method of improving cold, wet, and barren lands: particularly clayey-grounds. With the manner of burning clay, turf, and mole-hills; as practised in North-Britain. To which is added, the method of cultivating and raising fruit trees in such soils. [By A. Blackwell]. J. Walthoe: London, 1741. pp. [viii], xv, 121, [6], pls., 8vo.
- Blagrove, Joseph**
 173 The epitomie of the art of husbandry, [etc.]. By J.B., gent. [i.e. J. Blagrove]. [4th ed.] B. Billingsley: London, 1685. pp. [viii], 246, 136, [viii], sm 8vo. (8vo.)
 Wing B 3118. In 2 parts, each with an engraved title-page facing the printed one. Part 2 is Wing B 3120A, and has title *New additions to the Art of husbandry*.
- Blaikie, Francis**
 174 Letters on the cultivation and preservation of Swedish turnips. Stevenson, Matchett & Stevenson: Norwich, 1816. pp. 23, sm. 8vo.
 175 On the conversion of arable land into pasture, and on other rural subjects. J. Dawson, [etc.]: Burnham, [Norfolk, etc.], 1817. pp. 47, sm. 8vo.
 176 On the husbanding of farm-yard manure, and on other rural subjects. 2nd ed. J. Harding: London, 1818. pp. [iv], 27, 8vo.
 177 A treatise on smut in wheat, with means of prevention; also pointing out the danger of injuring damp samples of wheat seed, by some of the customary processes in pickling for the prevention of smut. H. Neville, [etc.]: Wells, [Norfolk, etc.], [1821]. pp. iv, [ii], [5]–55, sm. 8vo.
 Preface dated 1821. On fly-leaf: From Francis Blaikie To Samuel Taylor Junr.
- Blaikie, James**
 178 Essays on the improvement of pasture and grass lands by top-dressing, and otherwise. [n.p., c. 1829]. pp. 24, 8vo.
 Drop-title. Below the title appears: *Reprinted from the Quarterly journal of agriculture, no. 3*; but in fact the essays were published in the *Prize essays and transactions of the Highland society*, n.s. vol. 1, 1829. Text dated 1825.
- Bland, William**
 179 The principles of agriculture. Baldwin, Cradock & Joy: London, 1827. pp. xii, 128, 8vo.
 180 ——. 2nd ed. Longman: London, 1864. pp. xvi, 127, 8vo.

- Blane, *sir* Gilbert, 1st bart.
- 181 Inquiry into the causes and remedies of the late and present scarcity and high price of provisions, in a letter to earl Spencer, [etc.]. 2nd ed., with considerable alterations and additions. [n.p.], 1817. pp. [ii], [261]–312, 8vo.
From *The pamphleteer*, vol. 9, no. 17, 1817. Originally published anonymously in 1800.
- Blew, William Charles Arlington, and others
- 182 Light horses. Breeds and management. (*Live Stock Handbooks*, 2: *gen. ed. J. Sinclair*). Vinton: London, 1894. pp. [iv], 226, frontis., pls., illus., 8vo.
- Blith, Walter
- 183 The English improver, or A new survey of husbandry. Discovering to the kingdome, that some land, both arrable and pasture, may be advanced double or treble . . . some to a twenty fold improvement, [etc.]. J. Wright: London, 1649. pp. [xx], 168, [viii], 8vo. (sm. 4to.)
Wing B 3194. Lacks two (?) preliminary leaves between $\pi 2$ and a1. This is the 2nd ed.
- 184 The English improver improved, or The survey of husbandry surveyed. Discovering the improveableness of all lands: [etc.]. 3rd impression, much augmented. J. Wright: London, 1653. pp. [xx], 274, [12], frontis., pls., 8vo. (sm. 4to.)
Wing B 3196. This so-called 3rd impression is in effect the 4th ed. The title is divided between 2 facing pp. [$\pi 1^v$ – $\pi 2^r$] the first of which is engraved.
- Blundell, Thomas
- 185 Inorganic manures considered in relation to soils, and the better economising of farm-yard manure. Hamilton: London; E. Johnson: Wisbech, 1845. pp. vii, [7]–87, plt., 8vo.
- Blurton, William
- 186 A practical essay on milking. Hamilton, [etc.]: London, [etc.], 1859. pp. 16, pls., 8vo.
- Blyth, John, ed. and trsl. see Liebig, Justus, *freiherr von*. Letters on modern agriculture. 1859. 1015
- Board of Agriculture and Fisheries
- 187 Leaflets (nos. 1 to 100). H.M.S.O.: London, 1904. various pagination, 8vo.
Bound as issued in 1 vol. in numerical order.

Board of Agriculture and Fisheries

- 188 Leaflets. H.M.S.O.: London, 1905. 8 sections, 8vo.

Contains leaflets 1-145 and 146, arranged in the following subject sections:

1. Acts of Parliament, Co-operation and Miscellaneous subjects.
2. Farm animals, their breeding and management.
3. Poultry and bees, their breeding and management.
4. Farm and garden crops.
5. Wild animals, birds, &c.
6. Insects injurious to crops other than bush and orchard fruit.
7. Insects injurious to fruit trees and bushes and to forest trees.
8. Fungi injurious to crops and fruit.

see also Privy Council Office—Agricultural Department. 1391-2 and Ministry of Agriculture and Fisheries. 1204-6

Board of Agriculture and Internal Improvement

An account of the most approved mode of draining land. 1797, [etc.] *see* Johnstone, John. 907

Account of the origin of the Board of agriculture, and its progress for three years after its establishment. By the President [i.e. sir John Sinclair]. 1796. *see* Sinclair, sir John, 1st bart. 1584

An account of the systems of husbandry adopted in the more improved districts of Scotland; drawn up for the Board of agriculture. 1812. *see* Sinclair. sir John, 1st bart. 1585

- 189 Agricultural state of the kingdom, in February, March, and April, 1816; being the substance of the replies to a circular letter sent by the Board of agriculture, to every part of the kingdom. B. McMillan: London, 1816.
pp. [iv], 266, [2], 148, 8vo.

- 190 Communications to the Board of agriculture; on subjects relative to the husbandry, and internal improvement of the country. G. Nicol, [etc.]: London, [etc.], 1797-1811. 7 vol., 4to.

- 191 ———. 2nd ed. G. & W. Nicol, [etc.]: London [etc.], 1804-5.
vol. 1, 2 only

Hints on vegetation; and questions regarding the nature and principles thereof. [By sir John Sinclair.] 1796. *see* Sinclair, sir John, 1st bart. 1592

- 192 Report of the Committee of the Board of agriculture, appointed to extract information from the county reports, and other authorities, concerning the culture and use of potatoes. W. Bulmer; for G. Nicol: London, 1795. pp. viii, [2], 177, pls., 8vo. (sm. 4to.)

Board of Agriculture and Internal Improvement

- 193 Sketch of chap. XII of the General report of Scotland. On manures, and paring and burning. Dawn [*sic*] up for the consideration of the Board of agriculture and internal improvement. D. Willison, for the Board of agriculture: Edinburgh, 1812. pp. vii, 200, 8vo.

Half-title wanting.

see Clarke, sir Ernest. History of the Board of agriculture, 1793-1822. 1898. 349

For a list of the Board of agriculture county surveys, 1793-1817, see pages 284-288. For individual surveys see entry under the respective authors.

Boase, Henry

- 194 A brief exposition of the agricultural question. By a freeholder [i.e. Henry Boase]. G. & W. Nicol, [etc.]: London, 1823. pp. [ii], 20, 8vo.

Boate, Arnold

A rare and excellent discourse of minerals, stones, gums, and rosins, by D. B., gent. [Attributed to Arnold Boate or De Boot]. in Plat, sir Hugh. The jewel house of art and nature. 1653. 1354

Boehm, Sigismund, afterwards Trafford. see Trafford, Sigismund. 1762

Books for the Country. Routledge: London, [various dates].

4. Martin, W. C. L. Sheep. new ed. 1858. 1159
 8. Martin, W. C. L. Cattle. new ed. 1862. 1157
 13. Hickey, W. *Martin Doyle*, pseud. Small farms. 1856. 795
 17. Hickey, W. *Martin Doyle*, pseud. Farm & garden produce. 1857. 791
 27. Burn, R. S. Hints for farmers. 1863. 271
 34. Fletcher, T. C. Scientific farming made easy. 1861. 618
 37. Martin, W. C. L. The pig. new ed. [1857]. 1158
- Originally published as no. 7 in the series.

Booth, David

- 195 The art of brewing. [n.p., c. 1829]. pp. 64, illus., 8vo.
Title-page lacking. Bound with SOCIETY FOR THE DIFFUSION OF USEFUL KNOWLEDGE. Farm-reports. [c. 1830]-1833. 1633

Bordley, John Beale

- 196 Essays and notes on husbandry and rural affairs. T. Dobson: Philadelphia, 1799. pp. viii, 591, 7, [8], plts., 8vo.

Bos, Jan Ritzema

- 197 Agricultural zoology. Translated [from the German?] by J. R. Ainsworth Davies. With an introduction by Eleanor A. Ormerod. 2nd ed. Methuen: London, 1900.
pp. xx, 312, illus., 8vo.

Boswell, George

- 198 A treatise on watering meadows. Wherein are shewn some of the many advantages arising from that mode of practice, particularly on coarse, boggy, or barren lands. J. Almon: London, 1779. pp. [iv], 108, [2], pls., 8vo.
- 199 A treatise on watering meadows . . . Also, Remarks on a late pamphlet upon that subject [by T. Wright]. 2nd ed., with many additions. J. Debrett: London, 1790. pp. xii, 122, [2], pls., 8vo.
see Wright, Thomas, rector of Ould. The art of floating land, with a particular examination of what mr. Boswell . . . and others, have written on the subject. 1799. 1954

Boulger, George Edward Simonds

- 200 The life and work of John Ray, and their relation to the progress of science. [n.p., 1885]. pp. 171-188, 8vo.
From the *Transactions of the Essex field club*, vol. 4, 1885.
- 201 The uses of plants: a manual of economic botany, with special reference to vegetable products introduced during the last fifty years. Roper & Drowley: London, 1889. pp. viii, [9]-224, 8vo.

Bourguignon, Auguste

- 202 *Traité d'agriculture. (Bibliothèque d'Utilité Pratique).* Garnier: Paris, [1889]. pp. [iv], 277, illus., 8vo.

Bourne, William Sturges. *see Pollen, Richard.* Spade cultivation, tried for ten years on an estate in Wiltshire; in a letter to W. Sturges Bourne. 1830. 1360

Bowden, Thomas

- 203 The farmer's director; or, A compendium of English husbandry . . . Also, an appendix. Containing general observations and directions on various subjects of husbandry, [etc.]. Richardson & Urquhart: London, 1776. pp. [ii], iv, 160, 8vo.

Bowers, R.

- 204 A modern and practical treatise on the diseases of horses, horned cattle, and sheep, [etc.]. Longman: London; R. Stokes: Worcester, 1838. pp. [ii], iv, vi, xi, 230, iv, 8vo.

Bowick, Thomas, and others

- 205 The crops of the farm. (*Handbooks of the Farm*, 3: *gen. ed.* J. C. Morton). 3rd ed. Bradbury, Agnew: London, 1886. pp. vi, [ii], 140, 8vo.

Boyd, Charles

- 206 A Georgic of modern husbandry. In twelve parts; each corresponding with a month, beginning the year at Michaelmas. Gilbert & Hodges: Dublin, 1809. pp. [iv], v, 121, 8vo.

Boys, John

- 207 General view of the agriculture of the county of Kent . . . Drawn up for . . . the Board of agriculture [etc.]. P. Norbury: Brentford, 1794. pp. 107, plt., illus., 8vo. (sm. 4to.)
- 208 A general view of the agriculture of the county of Kent . . . Drawn up for . . . the Board of agriculture . . . from the original report transmitted to the Board; with additional remarks of several respectable country gentlemen and farmers. G. Nicol: London, 1796. pp. xiv, [2], 206, [2], mp. frontis., plts., 8vo.
Half-title wanting.
- 209 ——. To which is added a treatise on paring and burning. 2nd ed. with amendments and additions. R. Phillips: London, 1805. pp. xxiii, 293, 2, [2], mp. frontis., plts., 8vo.
- 210 ——. 2nd ed. [Another issue.] Sherwood, Neely & Jones: London, 1813. pp. xxiii, 293, 2, mp. frontis., plts., 8vo.

Bracken, Henry

- 211 Farriery improved: or, A compleat treatise upon the art of farriery. Wherein is fully explain'd the nature, structure and mechanism of . . . a horse, [etc.]. J. Clarke; J. Shuckburgh: London, 1737. pp. xvi, [viii], 616, [26], 8vo.
This ed. in 8vo is to be distinguished from that of 1738, in 12mo.

Bradlaugh, Charles

- 212 Compulsory cultivation of land: what it means, and why it ought to be enforced. Freethought Publ. Co.: London, 1887. pp. 25, 8vo.

Bradley, Richard

- 213 A complete body of husbandry; collected from the practice and experience of the most considerable farmers in Britain, [etc.]. J. Woodman & D. Lyon: London, 1727.
pp. [iv], xi, 372, [4], plts., 8vo.
- 214 The country gentleman and farmer's monthly director. Containing necessary instructions for the management and improvement of a farm, in every month of the year, [etc.]. J. Woodman & D. Lyon: London, 1726.
pp. xx, 152, frontis., 8vo.
- 215 Dictionarium botanicum: or, A botanical dictionary for the use of the curious in husbandry and gardening, [etc.]. T. Woodward; J. Peele: London, 1728. 2 vol., 8vo.
- 216 A general treatise of husbandry and gardening, [etc.]. J. Peele: London, [1721-22]. pp. xii, 358, 372, [14], plts., 8vo.
Really 2 vol. in 1. Dated by internal evidence. Issued in 12 monthly parts, April-March, but here wrongly bound with January first. No general title-page; title-pages to monthly parts only. From April to September this is identical with 217 except that the issue for April is in a different setting.

Bradley, Richard

- 217 A general treatise of husbandry and gardening. Containing such observations and experiments as are new and useful for the improvement of land, [etc.]. T. Woodward; J. Peele: London, 1724. 2 vol., 8vo.
Vol. 1 only. Contains issues for April–September, pp. xii, 358.
A reissue of the work first published in 1721–22 (no. 216) with a new setting of the April issue and a new general title-page.
- 218 A general treatise of husbandry and gardening; containing a new system of vegetation . . . Formerly publish'd monthly, and now methodiz'd and digested under proper heads, with additions and great alterations, [etc.]. T. Woodward; J. Peele: London, 1726. 2 vol., 8vo.
- 219 A general treatise of agriculture, both philosophical and practical; displaying the arts of husbandry and gardening . . . Corrected and methodised, . . . and improved, [etc.]. W. Johnston, [etc.]: London, 1757. pp. viii, 505, [16], plts., 8vo.
Imperfect, wanting pp. 77–96, 321–336.
- 220 The gentleman and farmer's guide for the increase and improvement of cattle, viz. lambs, sheep, hogs, calves, cows, oxen. Also the best manner of breeding, and breaking horses, [etc.]. J. Applebee for W. Mears: London, 1729.
pp. [ii], iv, [x], 352, plts., illus., 8vo.
- 221 The riches of a hop-garden explain'd, from the several improvements arising by that beneficial plant: as well to the private cultivators of it, as to the publick, [etc.]. C. Davis; T. Green: London, 1729. pp. viii, 104, frontis., illus., 8vo.
- 222 A survey of the ancient husbandry and gardening, collected from Cato, Varro, Columella, Virgil, and others the most eminent writers among the Greeks and Romans: . . . the whole render'd familiar to our climate; with variety of new experiments. With a preface, shewing the use of husbandry, and the necessity of erecting publick gardens. B. Motte: London, 1725. pp. [xvi], 373, [10], plts., 8vo.
A treatise concerning the manner of fallowing of ground . . . in Scotland. [Attributed to R. Bradley, but more probably by R. Maxwell]. 1724. *see* Maxwell, Robert. 1174
see Agricola, Georg Andreas. A philosophical treatise of husbandry and gardening. Translated from the High-Dutch by Richard Bradley. 1721. 17
see Houghton, John. A collection for the improvement of husbandry and trade. Now revised, corrected, and published by R. Bradley. 3 vol. 1727. 834
see Xenophon. The science of good husbandry. Translated from the Greek by R. Bradley. 1727. 1961

- Bramble, Benjamin, *pseud.*, i.e. George Winter. *see* Winter, George. 1933
- Brantom, Joseph H.
- 223 Successful calf rearing, with valuable medicinal recipes. [4th ed.] T. Brantom: Leighton Buzzard, [1912].
pp. 123, [4], frontis., illus., 8vo.
- Brereton, Charles David
- 224 A practical inquiry into the number, means of employment, and wages of agricultural labourers. 2nd ed. [Burks & Kinnebrook]: Norwich; for J. Hatchard: London, [c. 1825].
pp. [ii], xxiii, 110, 8vo.
- A Brief exposition of the agricultural question. By a freeholder [i.e. Henry Boase]. 1823. *see* Boase, Henry. 194
- Bright, Tom
- 225 The agricultural surveyor and estate agent's handbook of practical rules, formulae, tables and data: a comprehensive manual [etc.]. C. Lockwood: London, 1899.
pp. xvi, 404, illus., sm. 8vo.
- British agriculture
- Protection of British agriculture. 1844. *see* Protection . . . 1394
- British agriculture, as illustrated by the accounts of a Midlothian farmer. 1857. *see* Bailey, William, *jun.*, and co., *Edinburgh*. 88
- British Association—Committee on the Treatment and Utilization of Sewage
- A digest of facts relating to the treatment and utilization of sewage. By W. H. Corfield. 1870. *see* Corfield, William Henry. 398
- British Bee-Keepers' Association
- 226 Modern bee-keeping: a handbook for cottagers. [Prepared by F. R. Cheshire for the British bee-keepers' association]. 2nd ed., rev. and enlarged. Longman, for the British Bee-Keepers' Assoc.: London, 1881. pp. viii, [9]–80, frontis., illus., sm. 8vo.
- British herbal. 1743. *see* The Rational farmer, and practical husbandman. To which is added, The British herbal. 1743. 1416
- British husbandry; exhibiting the farming practice in various parts of the United Kingdom. [By J. F. Burke]. 3 vol. 1834–40 [etc.]. *see* Burke, John French. 267–8
- British Wool Society. *see* Society for the Improvement of British Wool.

- 227 **The British year-book of agriculture and agricultural who's who,** 1909-10. 2nd year of publication. Vinton: London, 1909. pp. vi, [ii], 624, 8vo.

Britten, James

- 228 **Old country and farming words: gleaned from agricultural books.** (*English Dialect Society, Series C*, 30). Trübner: London, 1880. pp. xvii, [ii], 191, 8vo.

Broad, John

- 229 **The Worcestershire farmer: or, The young farmer's guide.** Consisting of the management of several sorts of . . . land . . . grain, and implements in husbandry: likewise of cattle; and . . . their various distempers. To which is added, some monthly observations throughout the . . . year, [etc.]. R. Martin: Birmingham, 1778. pp. [ii], vi, [9]-64, 8vo.

Brooks, George

- 230 **The destruction of Scottish agriculture.** A statement of facts respecting the present position of agriculture in Scotland, especially in East Lothian, with some particulars of the case of mr. James M. Russell [etc.]. Woodford, Fawcett: London, 1885. pp. 104, 8vo.

Broun, Robert. *see* **Brown, Robert, 1757-1831, of Markle, Haddington.** 238-40

Brown & Jackson, land surveyors

- 231 **The British calculator,** consisting of tables for the use of the gentleman, farmer, land-steward, and man of business, in Scotland, England, and Ireland, [etc.]. R. Tullis, [etc.]: Cupar, [etc.], 1814. pp. viii, 192, 8vo.

Brown, George

- 232 **Practical observations on draining; with other suggestions for the improvement of land.** J. Swinnerton: Macclesfield, [c. 1859?]. pp. 16, illus., 8vo.

Brown, sir George Thomas

- 233 **Animal life.** (*Handbooks of the Farm*, 8; *gen. ed. J. C. Morton*). Vinton: London, [c. 1895]. pp. [viii], 141, 8vo.
- 234 **Dentition as indicative of the age of the animals of the farm.** 3rd ed. J. Murray: London, 1891. pp. 64, illus., 8vo.
- 235 **The pig: its external and internal organisation.** An illustrated representation and brief description. G. Philip: London; Philip, son & nephew: Liverpool, [1900]. pp. 33, illus., obl. 8vo.
- Inside the back cover is a composite anatomical plate.

Brown, J.

- 236 An address delivered to the members of the Wingerworth farmers' club, at their first meeting, held January 23rd, 1844. H. Unwin: Chesterfield, 1844. pp. 15, 8vo.

With the Rules of the club (4 pp.) attached.

Brown, Robert, of Hill Farm, Somerset

- 237 The compleat farmer: or, The whole art of husbandry, [etc.]. J. Coote: London, 1759. pp. [ii], 119, frontis., sm. 8vo.

This work is said by several authorities to have been published in 2 vol.: but there is nothing in the present copy to suggest this.

Brown, Robert, 1757-1831, of Markle, Haddington

- 238 Agriculture: [being the article from Brewster's Edinburgh Cyclopaedia. n.p., c. 1807]. pp. 215-555, pls., 4to.

- 239 General view of the agriculture of the West riding of Yorkshire. Surveyed by messrs. Rennie, Brown, & Shirreff, 1793. With . . . additional information since received. Drawn up for . . . the Board of agriculture [etc.]. By Robert Brown. J. Watson, [etc.]: Edinburgh, [etc.], 1799.

pp. 8, xiv, 293, [2], 121, mp. frontis., illus., 8vo.

see also Rennie, George, 1749-1828, and others. General view of the agriculture of the West riding of Yorkshire. By messrs. Rennie, Brown, and Shirreff. 1794. 1426

- 240 A treatise on agriculture and rural affairs. Oliphant, Waugh & Innes: Edinburgh; Longman: London, 1811. 2 vol., 8vo.

Brown, Robert, of Hamilton

- 241 Flax: its culture and preparation in Scotland, Ireland, and Flanders; particularly with reference to the western highlands and islands of Scotland. 2nd ed., rev. and enlarged. Blackie: Glasgow, [etc.], 1851. pp. 54, illus., 8vo.

In ms. on cover: Sir James Matheson of Lewis Bart with the Authors Compts.

Brown, Robert Erskine

- 242 The book of the landed estate, containing directions for the management and development of the resources of landed property. W. Blackwood: Edinburgh & London, 1869. pp. xiii, 505, pls., illus., la. 8vo.

Brown, Thomas

- 243 General view of the agriculture of the county of Derby . . . Drawn up for . . . the Board of agriculture [etc.]. W. Bulmer: London, 1794. pp. 72, pls. (incl. mp.), 8vo. (sm. 4to.)

Brown, William

- 244 British sheep farming. A. & C. Black: Edinburgh, 1870. pp. viii, 129, frontis., plt., 8vo.

- Browne, John**
- 245 A treatise on irrigation, or the watering of land. With some observations on cattle, tillage, and planting. R. & A. Taylor for J. Harding: London, 1817. pp. xii, 88, pls., 8vo.
- Bruce, Arthur, contrib. see Lowe, Alexander.** General view of the agriculture of the county of Berwick. [With an appendix by Arthur Bruce]. 1794. 1064
- Brunel, Isambard Kingdom**
 Draught. in Youatt, William. The horse; with a treatise on draught. 1831. 1965
- Brydges, sir Samuel Egerton, 1st bart.**
 My note-book for 1822; or, The agricultural question. By Wilfred Woodfall. [Attributed to sir S. E. Brydges.] 1823. see Woodfall, Wilfred, pseud. 1939
- Buchan Agricultural Society. see Arbuthnot, James, ed.** A true method of treating light hazely ground. 1811. 62
- Buckman, James**
- 246 The agricultural crisis. L. H. Ruegg: Sherborne, 1879. pp. [iv], 41, 8vo.
 Reprinted from *Bell's Weekly messenger*.
- 247 The cephalopoda-beds of Gloucester, Dorset and Somerset. [n.p., c. 1877]. pp. 9, illus., 8vo.
 From the *Quarterly journal of the Geological society*, vol. 33, 1877.
- 248 The geology of the county of Cornwall, in reference to agriculture and rural economy. W. Clowes: London, 1876. pp. 16, 8vo.
 From the *Journal of the Bath and West of England society*, 3rd ser. vol. 7, 1875.
- 249 The mistletoe-bough, its natural history, economy and uses. J. E. Adlard: London, 1879. pp. [ii], 20, illus., 8vo.
 From *The Veterinarian*, March-April, 1879.
- 250 The natural history of British meadow and pasture grasses, with an account of their economy and agricultural indications. Hamilton, Adams: London; Bailly: Cirencester, 1858. pp. iv, [ii], [3]-73, frontis., plt., 8vo.
- 251 On agricultural dodders. J. E. Adlard: [London, 1876]. pp. 16, illus., 8vo.
 Originally published in *The Veterinarian*.
- 252 On anthyllis vulneraria (lady's fingers) as a fodder plant. W. Clowes: London, 1866. pp. 10, 8vo.
 From the *Journal of the Royal agricultural society of England*. 2nd ser. vol. 2, 1866.

Buckman, James

- 253 On clovers. W. Clowes: London, 1866. pp. 11, 8vo.
From the *Journal of the Royal agricultural society of England*,
2nd ser. vol. 2, 1866.
- 254 On fairy rings. J. E. Adlard: London, [c. 1870].
pp. 15, illus., 8vo.
From *The Veterinarian*, May-June, 1870.
- 255 On some fossil plants from the lower lias. [n.p., c. 1850].
pp. 6, [ii], illus., 8vo.
From the *Quarterly journal of the Geological society*, vol. 6, 1850.
- 256 On the cephalopoda bed and the oolite sands of Dorset and part
of Somerset. F. May: Taunton, [c. 1874]. pp. 26, illus., 8vo.
From the *Proceedings of the Somersetshire archaeological and
natural history society*, vol. 20, 1874.
- 257 On the cultivation of wheat. W. Clowes: London, 1879.
pp. 18, 8vo.
From the *Journal of the Bath and West of England society*, 3rd ser.
vol. 10, 1878.
- 258 On the geology of the county of Devon in reference to agri-
cultural and rural economy. W. Clowes: London, 1873.
pp. 21, [ii], 8vo.
From the *Journal of the Bath and West of England society*, 3rd ser.
vol. 5, 1873.
- 259 On the roots of the wheat plant. Prize essay. London, 1856.
pp. 22, [2], illus., 8vo.
From the *Journal of the Royal agricultural society of England*,
vol. 17, 1856.
- 260 Science and practice in farm cultivation. R. Hardwicke:
London, 1865. pp. vii, 358, illus., 8vo.
- 261 On the so-called Midford sands. [n.p., c. 1879].
pp. [i], 736-743, illus., 8vo.
From the *Quarterly journal of the Geological society*, vol. 35, 1879.
- 262 On umbellate plants, with notes on the growth of such crop
plants as the parsnip, carrot, &c. [n.p., c. 1863]. pp. 12, 8vo.
- 263 Report on the experimental plots in the botanical garden of
the Royal agricultural college at Cirencester. Taylor & Francis:
London, 1858. pp. [ii], 201-215, 8vo.
From the *Report of the British association for the advancement of
science* for 1857.
- 264 ——. [For 1860.] Taylor & Francis: London, 1860.
pp. [ii], 35-43, illus., 8vo.
From the *Report of the British association for the advancement of
science* for 1860.

- Buckmaster, John Charles, and Willis, J. J.**
 265 The elementary principles of scientific agriculture. Simpkin, Marshall, [etc.]: London, [etc.], [1882]. pp. xii, 199, sm. 8vo.
 Half-title wanting.
- Bullock, Fred, ed. see Smith, sir Frederick.** The early history of veterinary literature and its British development. Vol. 4, ed., with a memoir of the author, by Fred Bullock. 1933. 1611
- Burgess, Alfred Thomas**
 266 First stage agriculture; being the elementary principles of agriculture scientifically explained, and exactly adapted to the first or elementary stage of the Science and art department. 2nd ed. J. Hughes: London, 1893.
 pp. viii, 124, [4], frontis., 8vo.
- Burke, John French**
 267 British husbandry, exhibiting the farming practice in various parts of the United Kingdom. [By J. F. Burke]. (*Library of Useful Knowledge*). Baldwin & Cradock: London, 1834-40. 3 vol., 8vo.
- 268 ——. [Another ed.] With a supplement, comprising modern agricultural improvements, by Cuthbert Wm. Johnson. R. Baldwin: London, 1847-48. 2 vol., 8vo.
- 269 Farming for ladies; or, A guide to the poultry-yard, the dairy and piggery. By the author of British husbandry [i.e. J. F. Burke]. J. Murray: London, 1844.
 pp. xviii, 511, frontis., illus., sm. 8vo.
 With additional engraved title-page.
 Modern agricultural improvements: being a supplement to the British husbandry [of J. F. Burke]. By C. W. Johnson. 1847.
 see Johnson, Cuthbert William. 876
- Burke, Ulick Ralph**
 270 A handbook of sewage utilization. E. & F. N. Spon: London [and] New York, 1872. pp. vi, [ii], 60, 8vo.
- Burn, Robert Scott**
 271 Hints for farmers, and useful information for agricultural students. (*Books for the Country*, 27). new ed. Routledge, Warne & Routledge: London [&] New York, 1863.
 pp. [ii], v, [ii], 171, sm. 8vo.
- 272 The lessons of my farm; a book for amateur agriculturists [etc.]. Lockwood: London, 1862. pp. xvi, 334, [2], frontis., illus., 8vo.
 2nd ed. published as *Systematic small farming*. 278
- 273 Notes of an agricultural tour in Belgium, Holland & the Rhine. With practical notes on the peculiarities of Flemish husbandry, [etc.]. Longman: London, 1862.
 pp. x, 241, 2, frontis., illus., 8vo.

Burn, Robert Scott

- 274 Outlines of farm management and the organization of farm labour, [etc.]. (*Weale's Scientific and Technical Series*, 207). 3rd ed. C. Lockwood: London, [c. 1885]. pp. vii, 272, illus., sm. 8vo.
- 275 Outlines of modern farming. Comprising soils, manures, and crops, farming economy, [etc.]. 2nd ed. Lockwood: London, 1873. 5 pt. [in 1 vol.], 8vo.
A collection of five works, each of which was also published separately.
- 276 Outlines of modern farming. vol. 4: The dairy—pigs—poultry. With notes on the diseases of stock, by a veterinary surgeon. (*Weale's Scientific and Technical Series*, 145). 8th ed. W. Foulsham: London, [c. 1910]. pp. iv, 211, illus., 8vo.
The Foulsham imprint is on a paste-down over the original Crosby Lockwood imprint, which bears date 1901.
- 277 The practical directory for the improvement of landed property, rural and suburban, and the economic cultivation of its farms. W. Paterson: Edinburgh, 1882. 2 vol., la. 4to.
The pagination is continuous.
- 278 Systematic small farming, or, The lessons of my farm. Being an introduction to modern farm practice for small farmers, [etc.]. C. Lockwood: London, 1886. pp. xiv, 386, frontis., illus., 8vo.
A new and enlarged edition of *The lessons of my farm*. 272.
- 279 Year-book of agricultural facts for 1859(–1862). W. Blackwood: Edinburgh & London, 1860–63. 4 vol., 8vo.
see Slight, James *and* Burn, Robert Scott. The book of farm implements & machines. 1858. 1606

Burness, William, and others

- 280 The equipment of the farm. By Wm. Burness, J. C. Morton, and Gilbert Murray. (*Handbooks of the Farm*, 6: *gen. ed. J. C. Morton*). 2nd ed. Bradbury, Agnew: London, 1886. pp. vi, [ii], 142, 8vo.

Burnett, Alexander

- 281 Tillage a substitute for manure, illustrated by the principles of modern agricultural science, and the precepts and practice of Jethro Tull. Including an epitome of Tull's operative directions in successive unmanured corn culture, and the particulars of Lois Weedon husbandry, and other instances of Tull's method of farming. Whittaker: London; H. Roberts: Chester, 1859. pp. [ii], x, [3]–212, xxiv, viii, 8vo.

Burnley, James

- 282 The history of wool and woolcombing. S. Low: London, 1889. pp. xvi, 487, frontis., pls., illus., 8vo.

Burroughs, Edward

- 283 Essays on practical husbandry and rural economy. J. Porter: Dublin, [c. 1828]. 5 pt. [in 1 vol.], 8vo.

Contains 5 essays, each with separate title-page and pagination, preceded by a general title-page and table of contents.

- 284 Essays on practical husbandry, and rural economy. [Essay the first. On the cultivation and advantages of green crops. 2nd ed., rev. and enlarged]. Longman: London; J. Cumming: Dublin, 1820. pp. xii, 83, 8vo.

The individual title-page follows the series title-page.

- 285 Essays on practical husbandry, and rural economy. [Essay the second. On manures, and their application]. Longman [etc.]: London, [etc.], 1821. pp. vii, 81, [2], 8vo.

The individual title-page follows the series title-page.

- 286 The Irish farmer's calendar, containing the business necessary to be performed . . . during every month in the year. J. Porter: Dublin, [1835]. pp. vi, 390, 8vo.

- 287 A view of the state of agriculture in Ireland, with some remarks on the impediments to its prosperity. Gannon: Dublin, 1821. pp. 62, 8vo.

Burrows, Alfred Joe

- 288 The agricultural depression and how to meet it; hints to land-owners and tenant farmers. 2nd ed. W. Rider; Simpkin, Marshall: London, 1883. pp. iv, [ii], [7]-105, 1a. 8vo.

On title-page: Professor Tanner, with the Author's compts.

Burton, Katharine, *born Innes, wife of John Hill Burton*

- 289 My home farm. By Mrs. J. H. Burton. Longmans: London, 1883. pp. [viii], 128, 8vo.

Byng, George, *7th viscount Torrington*

- 290 On farm buildings; with a few observations on the state of agriculture in the county of Kent. Ridgway: London, 1845. pp. [iv], 111, [ii], x, frontis., pls., illus., 8vo.

C., A.

Remarks on live stock and relative subjects. 1806. *see* **Coventry**, Andrew. 412

C., I. E. B.

The farm, garden, stable, and aviary. 5 vol. 1869-71. *see* **Cox**, Irwin Edward Bainbridge. 415

C.W.H.

Talpa: or, The chronicles of a clay farm. 2nd ed. 1853. *see* **Hoskyns**, Chandos Wren. 833

Caird, *sir* James

- 291 English agriculture in 1850-51. Longmans: London, 1852. pp. xxvii, 550, mp. frontis., 8vo.
- 292 High farming, under liberal covenants, the best substitute for protection. W. Blackwood: Edinburgh, London, 1849. pp. [ii], 32, [ii], plt., 8vo.
- 293 ——. 7th ed. W. Blackwood: Edinburgh, London, 1850. pp. [ii], ii, [3]-33, plt., 8vo.
- 294 High farming vindicated and farther illustrated. 2nd ed. A. & C. Black: Edinburgh; Longmans: London, 1850. pp. 37, [ii], 8vo.
- 295 The landed interest and the supply of food. 4th ed. Cassell: London, [etc.], 1880. pp. xvi, 184, 8vo.
- 296 The plantation scheme: or, The west of Ireland as a field for investment. W. Blackwood: Edinburgh & London, 1850. pp. vii, 191, mp. frontis., 8vo.

Callander, Randal W.

- 297 An essay on irrigating and draining different sorts of land: as also, An account of the most remarkable seasons that have occurred in Scotland, since . . . 1782, to . . . 1836, included: as also, a slight sketch of the . . . improvements in husbandry . . . in Scotland since . . . 1750. Bell & Bain: Glasgow, 1856. pp. [vi], 70, pls., sm. 8vo.

Cambridge—National Institute of Agricultural Botany

- 298 Journal of the National institute of agricultural botany. vol. 1, no. 1 (-vol. 3, no. 1), 1922 (-1931). W. Heffer, for the Institute: Cambridge, 1927-31. 11 nos. la. 8vo.

Cambridge—University—*Department of Agriculture*

- 299 First (-Fifth) annual report of field and feeding experiments carried out in the counties of Norfolk, West Suffolk, Cambridgeshire, Isle of Ely, Northamptonshire, Hertfordshire, and Huntingdonshire, in the year 1898-9 (-1902-3). By T. B. Wood [and others]. J. Webb: Cambridge, 1899 (-1903). 5 pt., 8vo.
Cf. also 307.
- 300 Guide to experiments on Burgoyne's farm, Cambridge. Season 1904. Eagle Printing Works: Cambridge, [1904]. pp. 26, pls., 8vo.
- 301 Guide to experiments conducted at Burgoyne's (University) farm, Impington, and at other centres in the Eastern counties. Eagle Printing Works: Cambridge, 1905. pp. viii, 67, pls., 8vo.

Cambridge—University—Department of Agriculture

- 302 The improvement of poor pastures. Report on an experiment conducted at Cransley, Northamptonshire, in seasons 1901, 1902, & 1903. [By T. H. Middleton.] Eagle Printing Works: Cambridge, 1904. pp. 36, pls., 8vo.
- 303 The potato crop. Report on experiments conducted at Burgoyne's (University) farm, in seasons 1903 & 1904. [By T. H. Middleton.] Eagle Printing Works: Cambridge, 1905. pp. 54, 8vo.
- 304 The potato crop. Preliminary report on experiments conducted at Burgoyne's (University) farm in season 1905. [By T. H. Middleton.] (*Farmers' Bulletin* no. 4). Eagle Printing Works: Cambridge, [1905]. pp. 8, 8vo.
- 305 The potato crop. Report on experiments conducted at Newhouse Park farm, St. Albans, for the Herts. county council in season 1905. [By T. H. Middleton.] (*Hertfordshire Education-Agricultural Sub-committee, Leaflet* no. 4). Eagle Printing Works: Cambridge, 1906. pp. 20, 8vo.
- 306 Report on experiments carried out at Bramford and Saxmundham by the East Suffolk education committee. [By T. H. Middleton.] Eagle Printing Works: Cambridge, 1904. pp. 48, plt., 8vo.

Cambridge and Counties Agricultural Education Scheme

- 307 First annual report of field and feeding experiments carried out in the counties of Norfolk, West Suffolk, Cambridgeshire, Isle of Ely, and Northamptonshire in the year 1897, by T. B. Wood. J. Webb: Cambridge, 1898. pp. 54, 8vo.
Cf. also 299.

Cameron, *sir* Charles Alexander

- 308 Chemistry of agriculture. The food of plants: including the composition, properties, and adulteration of manures. W. B. Kelly: Dublin; Simpkin, Marshall: London, 1857. pp. vi, [ii], 9-144, 8vo.
- 309 The stock-feeder's manual. The chemistry of food in relation to the breeding and feeding of live stock. Cassell: London & New York, 1868. pp. viii, 253, frontis., 8vo.
see Johnston, James Finlay Weir. Catechism of agricultural chemistry and geology. new ed. by C. A. Cameron. 1886. 893
see Johnston, James Finlay Weir. Elements of agricultural chemistry and geology. By J. F. W. Johnston and C. A. Cameron. 15th ed. 1885, and 17th ed. 1894. 897-8

Campbell, *lord* Colin, '*Dalriad*', *pseud.*

- 310 The crofter in history. By lord Colin Campbell (*Dalriad*). 2nd ed. W. Brown: Edinburgh, 1886. pp. [ii], vi, [ii], 104, 8vo.

- Canada—Department of Agriculture
- 311 Reports of tenant farmers' delegates on the Dominion of Canada as a field for settlement. Published by authority of the Department of agriculture of the Government of Canada. Turner & Dunnett: Liverpool, 1880.
pp. 173, [2], mp. frontis., 8vo.
- Capper, James
- 312 Observations on the cultivation of waste lands. Addressed to the gentlemen and farmers of Glamorganshire. T. Egerton: London, 1805. pp. [iv], 61, 8vo.
- Carey, Albert
- 313 Principles of agriculture; expressly adapted to the requirements of the syllabus of the Science and art department, South Kensington. (*Murby's Science and Art Department Series*). 2nd ed. T. Murby: London, [c. 1875].
pp. viii, [9]–196, illus., sm. 8vo.
- Cargill, Thomas
- 314 Sewage and its general application to grass, cereal, & root crops, showing the results obtained by actual experience down to the present date [etc.]. Robertson, Brooman: London, 1869.
pp. 32, illus., 8vo.
- Carleton, William MacKendree
- 315 Farm festivals. Rose-Belford: Toronto, 1881.
pp. viii, [2], [9]–154, frontis., illus., 8vo.
- Carnegie, William, 'Moorman', pseud.
- 316 Practical trapping: [etc.]. 4th ed. Bazaar, Exchange & Mart: London, [c. 1905]. pp. [viii], 88, illus., 8vo.
- Carpenter, J.
- 317 A treatise on agriculture. J. Heming: Stourbridge, 1803–5.
2 vol., 8vo.
Vol. 2 has imprint *Swinney & Ferrall: Birmingham*.
- Carr, William
- 318 The history of the rise and progress of the Killerby, Studley and Warlabby herds of shorthorns. W. Ridgway: London, 1867.
pp. viii, 158, frontis., 8vo.
- Carrington, Robert Smith, 1st baron. *see* Smith, Robert
- Carrington, William Townsend, and others
- 319 The live-stock of the farm. (*Handbooks of the Farm*, 2: *gen. ed.* J. C. Morton). 3rd ed. Bradbury, Agnew: London, 1885.
pp. vi, [ii], 156, illus., 8vo.

Carruthers, William

- 320 On purples or ear-cockle in wheat. W. Clowes: London, 1882. pp. 10, [2], illus., 8vo.
From the *Journal of the Royal agricultural society of England*, 2nd ser. vol. 18, 1882.
- 321 On sweet vernal grass and golden oat grass and their adulteration. W. Clowes: London, 1883. pp. 11, illus, 8vo.
From the *Journal of the Royal agricultural society of England*, 2nd ser. vol. 19, 1885.
- 322 On the original portraits of Linnaeus. [n.p., 1906]. pp. 59-70, plts., 8vo.
From the *Proceedings of the Linnean society of London*, 118th session, 1905-6.
- 323 On wheat mildew. W. Clowes: London, 1882. pp. 11, illus., 8vo.
From the *Journal of the Royal agricultural society of England*, 2nd ser. vol. 18, 1882.

Cassell's Agricultural Readers: Downton Series; gen. ed., J. Wrightson.

Munro, J. M. H. Soils and manures. 1892. 1247

Wrightson, J. Farm crops. 1891. 1958

The title of the series is given in various forms in the works included in it.

Catesby, Mark

Select essays on husbandry. Extracted from the Museum rusticum. [Sometimes attributed to M. Catesby.] 1767. *see* Select essays . . . 1541

The Cattle-keeper's assistant; or, Complete directory for country gentlemen, sportsmen, &c. . . . [By Josiah Ringsted]. 1791. *see* Ringsted, Josiah. 1452

Cayley, Edward Stillingfleet

- 324 Reasons for the formation of the Agricultural protection society, addressed to the industrious classes of the United Kingdom. J. Ollivier: London, 1844. pp. 24, 8vo.
In AGRICULTURAL PROTECTION SOCIETY. Tracts issued up to 1844. 20.

Cecil, *pseud.*, i.e. Cornelius Tongue. *see* Tongue, Cornelius. 1751-2

Cecil, James Brownlow William Gascoyne-, *2nd marquis of Salisbury*. *see* Demainbray, Stephen George Francis Triboudet. The poor man's best friend. In a letter to the marquess of Salisbury. 1851. 472

Certain ancient tracts concerning the management of landed property reprinted. [Edited by R. Vansittart.] 1767. *see* Vansittart, Robert, *ed.* 1811

- Ceylon—Government Botanist and Mycologist
Bibliography of books and papers relating to agriculture and botany to the end of the year 1915. By T. Petch. 1925. *see* Petch, Thomas. 1331
- Charley, William
325 Flax and its products in Ireland. Bell & Daldy: London, 1862. pp. vii, 191, frontis., 8vo.
- Charnock, John Henry
326 On land-drainage; with some remarks on meteorological influences as connected therewith. 2nd ed. Longmans; J. Ridgway: London; Illingworth & Hicks: Wakefield, 1848. pp. 31, frontis., 8vo.
- Chauveau, Jean Baptiste Auguste
327 The comparative anatomy of the domesticated animals. 2nd ed., rev. and enlarged, with the co-operation of S. Arloing. Trsl. and ed. by G. Fleming. J. & A. Churchill: London, 1875. pp. xlv, 957, illus., 8vo.
- 328 Cheap manure produced by the newly discovered methods of burning clay, compiled from the best authorities; with a few hints on the advantages of cutting wheat or other corn before it becomes fully ripe. 2nd ed., considerably enlarged and improved. W. Alexander, [etc.]: York, [etc.], 1822. pp. vii, [9]–79, 8vo.
- Chemistry
Agricultural chemistry; or, Chemistry applied to . . . agriculture. 1849. *see* Agricultural chemistry . . . 18
- Cheshire, Edward
329 The results of the census of Great Britain in 1851; with a description of the machinery and processes employed to obtain the returns. Also an appendix. J. W. Parker: London, 1853. pp. 56, 8vo.
- Cheshire, Frank Richard
Modern bee-keeping. [Prepared by F. R. Cheshire for the British bee-keepers' association]. 2nd ed. 1881. *see* British Bee-Keepers' Association. 226
- Chichester, Henry Thomas Pelham, 3rd earl of. *see* Pelham
- Chope, Richard Pearse
330 Some old farm implements and operations. With special reference to the collection in the Torquay museum. [W. Brendon: Plymouth, 1918]. pp. 26, pls., 8vo.
From the *Transactions of the Devonshire association*, vol. 50, 1918.
- Christie, Mabel Elizabeth, afterwards mrs. Seebohm. *see* Seebohm. 1540

Christison, John

- 331 New tables for computing the weight of cattle by measurement, the quantity of hay in stacks or ricks, round and oblong; the valuing of land; with other practical tables, and directions for using them. 3rd ed. Stirling, Kenney, [etc.]: Edinburgh, [etc.], 1840. pp. [viii], 76, illus., 8vo.

Christy, Thomas

- 332 Forage plants and their economic conservation by the new system of ensilage. Christy: London, 1877.
pp. viii, 72, [2], frontis., illus., 8vo.

Title-page wanting: title supplied from B.M. copy.

Church, sir Arthur Herbert

- 333 The laboratory guide: a manual of practical chemistry . . . specially arranged for agricultural students. 5th ed., rev. and enlarged. J. van Voorst: London, 1882.
pp. xv, 266, [2], illus., 8vo.
- 334 Sulphate of ammonia as a manure. G. Slater: Sheffield, 1886.
pp. 12, 8vo.
see Johnson, Samuel William. How crops grow. Revised and adapted by A. H. Church and W. T. Dyer. 1869. 891

Cirencester—Royal Agricultural College

- 335 Agricultural student's gazette. new series, vol. 1-17, 1882-1884-1914-1915. A. T. Harmer: Cirencester, [1884-1915]. 17 vol., 8vo.

afterwards

Royal agricultural college students' gazette. new series, vol. 19, pt. 1, June 1932. [n.p.], 1932. pp. 154, plts., 8vo.

Contains (pp. 53-69) an article 'Farm and college' by Charles Dickens, reprinted from *All the year round*, no. 4949, Oct. 10, 1868.

afterwards

The Royal agricultural college journal. new series, vol. 22, pt. 2, Summer term, 1935. E. J. Burrow: Cheltenham, 1935.
pp. 85-156, illus., 8vo.

- 336 A guide to the Royal agricultural college farm, [etc.]. January, 1853. [E. Baily: Cirencester, 1853]. pp. 45, plt., 8vo.
pp. 1-2 (title-page?) lacking. Drop-title on p. 3. Followed by 340 and 338

- 337 Guide to the college farm, and cultivation and stock book. May 1897. 4th rev. ed. [Cirencester, 1897]. pp. 287, illus., 4to.
pp. 23-287 are in the main blanks.

- 338 [Prospectus,] 1852. [E. Baily: Cirencester, 1852].
pp. 4, illus., 8vo.

Bound as issued with 336

- Cirencester—Royal Agricultural College
- 339 [Register of the staff and students at the Royal agricultural college from 1844 to 1897. With a short historical preface. G. H. Harmer: Cirencester, 1898]. pp. x, 305, 8vo.
Compiled by C. Bathurst jun. and E. Kinch. Title-page and pp. v-vi wanting: title supplied from Cirencester Public Library copy.
- 340 Sessional examination [papers], December, 1852. [E. Baily: Cirencester, 1852]. pp. [i], 4, 8vo.
Bound as issued with 336
- Claridge, John, *fl. c. 1670, shepherd*
- 341 The shepherd of Banbury's rules to judge of the changes of the weather, grounded on forty years experience, [etc.]. 2nd ed., corrected. T. Waller: London, 1748. pp. x, 54, 8vo.
- Claridge, John, *fl. c. 1793, of Craig's Court, London*
- 342 General view of the agriculture, in the county of Dorset . . . Drawn up for . . . the Board of agriculture [etc.]. W. Smith: London, 1793. pp. [ii], 49, 8vo. (sm. 4to.)
- Clark, James, *fl. c. 1770-1806, veterinarian*
- 343 A treatise on the prevention of diseases incidental to horses, from bad management in regard to stables, food, water, air, and exercise. To which are subjoined observations on some of the surgical and medical branches of farriery. W. Smellie: Edinburgh, 1788. pp. xii, 425, 8vo.
- Clark, James, *fl. c. 1844, importer of guano*
- 344 Practical instructions for using guano as a manure; illustrated by practical results. 3rd ed. J. Clark: London, 1844. pp. 56, 8vo.
- Clark, John
- 345 General view of the agriculture of the county of Brecknock . . . Drawn up for . . . the Board of agriculture [etc.]. J. Smeeton: London, 1794. pp. 55, 8vo. (sm. 4to.)
The title-page is a cancel.
- 346 General view of the agriculture of the county of Hereford . . . Drawn up for . . . the Board of agriculture [etc.]. C. Macrae: London, 1794. pp. 79, 8vo. (sm. 4to.)
- 347 General view of the agriculture of the county of Radnor . . . Drawn up for . . . the Board of agriculture [etc.]. C. Macrae: London, 1794. pp. 41, 8vo. (sm. 4to.)
- Clarke, Cuthbert
- 348 The true theory and practice of husbandry: deduced from philosophical researches, and experience. To which is annexed a compendium of mechanics, [etc.]. G. Robinson: London; T. Slack: Newcastle, 1777. pp. xii, 365, pls., illus., 4to.

Clarke, *sir* Ernest

- 349 History of the Board of agriculture, 1795–1822. [Royal Agricultural Society of England]: London, 1898.
pp. 43, frontis., pls., 8vo.

Issued under the auspices of the Royal agricultural society of England.

Clarke, John Algernon

- 350 Fen sketches: being a description of the alluvial district known as the Great Level of the fens, with a brief history of its progressive improvements in drainage and agriculture. Hall, Virtue: London, 1852. pp. [iv], 271, 8vo.

Clarke, John Willding

- 351 A visit: and a plant: or, Hints on the successful cultivation in England of the North China sugar cane: as a forage plant. With an appendix. Whittaker: London; Gardner: Peterborough, [c. 1858]. pp. 22, 8vo.

Class book

Agricultural class book; or, How best to cultivate a small farm and garden. Printed and published by direction of the Commissioners of national education, Ireland. 1862.

see Ireland—Commissioners of National Education. 860

Clater, Francis

- 352 Every man his own cattle doctor. Entirely re-written to the present date by George Armatage. With copious notes, additional recipes, etc., . . . showing forms of disease and treatment. 2nd ed., rev. and enlarged. F. Warne: London; Scribner: New York, [c. 1885]. pp. xix, 681, frontis., pls., illus., 8vo.

Claussen, P.

- 353 [The flax movement, its national importance and advantages, with directions for the preparation of flax cotton and the cultivation of flax. (*Great Exhibition*, 1851. *Prospectuses of Exhibitors*, 1). 3rd ed., with additions. E. Wilson: London, 1851.] pp. [iv], 52, 8vo.

Title-page wanting: title supplied from B.M. copy.

Clayton, Shuttleworth and co., *manufacturers*

- 354 Prize portable agricultural steam engines, machines, &c., manufactured by Clayton, Shuttleworth, and co., . . . Lincoln and . . . London. C. Akrill: Lincoln, 1853. pp. 23, illus., 8vo.

Cleghorn, James

- 355 System of agriculture. From the *Encyclopaedia Britannica*, seventh edition. A. Black, [etc.]: Edinburgh, [etc.], 1831. pp. [ii], [251]–356, pls., 4to.

- Clements, Hugh**
 356 The fields of Great Britain: a text-book of agriculture, adapted to the syllabus of the Science and art department, South Kensington, for elementary and advanced students, [etc.]. C. Lockwood: London, 1881. pp. xxviii, 364, sm. 8vo.
- Clergyman**
 Useful and practical observations on agriculture. By a clergyman. 1783. *see* Useful and practical observations . . . 1802
- Clinch, George**
 357 English hops: a history of cultivation and preparation for the market from the earliest times. McCorquodale: London, [1919]. pp. vii, 120, frontis., illus., 8vo.
- Cline, Henry**
 358 Observations on the breeding and form of domestic animals. J. Wilson: Darlington, 1838. pp. 16, 8vo.
- Clive, Robert, 1st baron**
 A letter to lord Clive, on the great benefits which may result to the publick . . . by forming an experimental farm. [By A. Young]. 1767. *see* Young, Arthur, 1741-1820. 1992
- Clodhopper cracks anent vegetable and animal manufacture.**
 By a Fife Scot [i.e. D. Curror]. 1872. *see* Curror, David. 432
- Clods**
 Among the clods, or, Phases of farm life. As seen by a Town mouse. 1884. *see* Town Mouse, *pseud.* 1756
- Clutterbuck, James Charles**
 359 The agriculture of Berkshire. Weale; Bell & Daldy: London; Slatter & Rose: Oxford, 1861. pp. [2], 44, [2], illus. (incl. mp.), 8vo.
 On title-page: From the author.
- Cobbett, William**
 360 Cottage economy: [etc.]. C. Clement: London, 1822. pp. [ii], iv, [ii], 207, 8vo.
 Stereotype ed. Originally issued in 7 parts, Aug. 1821-March 1822.
- 361 Cobbett's gridiron: written to warn farmers of their danger; and to put landholders, mortgagers, lenders, borrowers, the labouring, and indeed all classes of the community on their guard. H. Stemman: London, 1822. pp. 32, 8vo.
 'Maliciously chosen extracts from [Cobbett's] writings calculated to discredit him.' (Pearl, M. L.: *William Cobbett*. 1953. p. 124.)

Cobbett, William

- 362 Rural rides in the counties of Surrey, Kent, Sussex, Hampshire, Wiltshire, Gloucestershire, Herefordshire, Worcestershire, Somersetshire, Oxfordshire, Berkshire, Essex, Suffolk, Norfolk, and Hertfordshire: with economical and political observations relative to matters applicable to, and illustrated by, the state of those counties respectively. W. Cobbett: London, 1830. pp. [iv], 44, 46*-124*, 46-668, 12, plt. (mp.), 8vo.

The inserted sequence of pagination 46*-124* contains the first Ride through Hampshire, Surrey & Sussex.

- 363 Cobbett's Tour in Scotland; and in the four northern counties of England: in the autumn of the year 1832. Published at 11, Bolt Court, Fleet St.: London, 1835. pp. ix, [11]-264, 8vo.

- 364 A treatise on Cobbett's corn, containing instructions for propagating and cultivating the plant, and for harvesting and preserving the crop, [etc.]. W. Cobbett: London, 1828. pp. iv, [296 unnumbered], pls., 8vo.

- 365 The woodlands: or, A treatise on . . . forest trees and underwoods, [etc.]. W. Cobbett: London, 1825 [-28]. no pagination [344 pp.], illus., 8vo.

Issued in 7 pts., no. 1 in 1825 and nos. 2-6 in 1828.

see Livingston, Robert R. An essay on sheep . . . With a preface and explanatory notes by W. Cobbett. 1811. 1024

see Tull, Jethro. The horse-hoeing husbandry. Introduction . . . by William Cobbett. 1829. 1786

Cobbold, Thomas Spencer

- 366 The internal parasites of our domesticated animals; a manual of the entozoa of the ox, sheep, dog, horse, pig, and cat. The Field: London, 1873. pp. ix, 144, illus., 8vo.

Cobden, Richard. see A Letter from a crow to mr. Cobden. [c. 1844]. 1008

Cobden Club. Publications

Baxter, W. E. Our land laws of the past. [1880]. 131

Bear, W. E. The British farmer and his competitors. [1888]. 135

— . A study of small holdings. 1895. 136

Cochran-Patrick, Robert William. see Patrick. 1316

Cochrane, Archibald, 9th earl of Dundonald

- 367 A treatise shewing the intimate connection that subsists between agriculture and chemistry, [etc.]. new ed. J. Murray; J. Harding: London, 1803. pp. vii, 252, 4to.

Two of the preliminary pages wanting.

- Cochrane, *hon.* James Athol
- 368 Thoughts concerning the uses of clay marl as manure. M. Heavisides: Darlington, 1800. pp. 32, 8vo.
- Coleman, John, *ed.*
- 369 The cattle of Great Britain; being a series of articles on the various breeds of cattle of the United Kingdom, their history, management, &c. The Field: London, 1875. pp. [ii], iv, 162, frontis., pls., la. 4to.
- 370 The cattle, sheep and pigs of Great Britain: being a series of articles on the various breeds of the United Kingdom, their history, management, &c. H. Cox, The Field: London, 1887. pp. xii, 491, pls., illus., 8vo.
A combined ed. of the preceding work with *The sheep and pigs of Great Britain*, which was also edited by Coleman and was published in 1877.
- A Collection for the improvement of husbandry and trade. Communicated . . . to John Houghton. 3 vol. 1727. *see* Houghton, John, *ed.* 834
- Collyns, W.
- 371 Ten minutes advice to my neighbours, on the use and abuse of salt as a manure; with directions for its application in gardens, lawns, and pleasure grounds. 4th ed. E. Woolmer: Exeter, [c. 1850]. pp. 28, 8vo.
- Columella, Lucius Junius Moderatus
- 372 Of husbandry. In twelve books: and his book concerning trees. Translated into English, with several illustrations from Pliny, Cato, Varro, Palladius, and other antient and modern authors. A. Millar: London, 1745. pp. xiv, [xiv], 600, [8], 4to.
- 373 The Commercial and agricultural magazine, for 1799 (-1802). vol. 1-7. V. Griffiths: London, [1799-1802]. 7 vol., 8vo.
Vol. 7: *The agricultural magazine for 1802*. The individual issues in this volume have the title *The commercial and agricultural magazine*.
afterwards
The Agricultural magazine, or Farmers' monthly journal. vol. 1-6, new series. January 1815-December 1815. V. Griffiths: London, 1813-15. 6 vol. [in 3], 8vo.
- Commerell, *de, abbé*
- 374 An account of the culture and use of the mangel wurzel, or root of scarcity. Translated from the French. [Edited, with prefaces, by J. C. Lettsom]. 2nd ed. C. Dilly; J. Phillips: London, 1787. pp. xix, 51, 8vo.
——. [Another ed.] *in* Kennedy, John. A treatise upon planting, gardening, and the management of the hot-house [etc.]. new ed. 1788. 920

Commissioners and Trustees for improving Fisheries and Manufactures in Scotland

- 375 Conditions upon which the premium of 15s. per acre for raising flax is to be allowed. And rules and directions for raising flax, to be followed by such as intend to claim the said premium. [n.p., 1747]. pp. [ii], 4, 14, 8vo.
- 376 Rules and directions for raising flax and hemp in Scotland, after the Flanders and other approved methods. [n.p., 1750]. pp. 23, 8vo.

Committee of General Literature and Education. *see* **Society for Promoting Christian Knowledge**—Committee of General Literature and Education

Committee of Sheep Farmers

List of sheep marks for the counties of Aberdeen, Banff, Forfar, [etc]. Compiled by a committee of sheep farmers. 1897. *see* List . . . 1022

Committee [on] Agricultural Distress. *see* **Hutt, William.** State and prospects of British agriculture; being a compendium of the evidence given before a committee of the House of Commons appointed in 1836 to enquire into agricultural distress. 2nd ed. 1837. 853

A Compleat body of husbandry. Compiled from the original papers of the late Thomas Hale. 1756. [*and* A continuation. 1759.] *see* **Hale, Thomas.** 737–8

A Compleat system of husbandry and gardening. [By J. Worlidge]. 1716. *see* **Worlidge, John.** 1946

- 377 **The Complete assistant for the landed proprietor, estate and house agent, land-steward, [etc.].** Priestley & Weale: London, 1824. pp. xiii, 476, frontis., 8vo.

The Complete English farmer, or, A practical system of husbandry. By a practical farmer, and a friend of Jethro Tull [i.e. D. Henry]. 1771. *see* **Henry, David.** 784

- 378 **The Complete family-piece: and country gentleman, and farmer's best guide, [etc.].** 4th ed., improved. G. Faulkner: Dublin, 1759. pp. xii, 498, [42], sm. 8vo.

- 379 **The Complete farmer: or, A general dictionary of husbandry, in all its branches, [etc.].** By a society of gentlemen, members of the Society for encouragement of arts, manufactures, and commerce. S. Crowder, [etc.]: London, 1766. no pagination [728 pp.], frontis., plts., fol.

- 380 **The Complete farmer** . . . to which is now first added, *The gardener's kalendar* . . . 2nd ed., corrected and improved. R. Baldwin, [etc.]: London, [1769.]
pp. [688 unnumbered], 111, [4], frontis., plts., 4to.

Title-page defaced: date altered to read MDCCCIX.

The Complete grazier; or, Farmer's and cattle-dealer's assistant.
By a Lincolnshire grazier [i.e. T. H. Horne]. 1805 [etc.].
see Horne, Thomas Hartwell. 823-5

- 381 **The Complete grazier: or, Gentleman and farmer's directory,** [etc.]. Written by a country gentleman. 2nd ed. J. Almon: London, 1767. pp. xii, 252, sm. 8vo.

Cf. the work of the same title by T. H. Horne, 823-5.

- 382 **The Complete vermin-killer: a valuable and useful companion** for families, in town and country . . . To which are added, *Useful family receipts for . . . medicines . . . The gentleman farrier . . . The compendious gardener and husbandman*, [etc.]. 4th ed., with considerable additions. Fielding & Walker: London, [c. 1775]. pp. 87, 8vo.

Hole in title-page affecting date: date reads MDCCLXXV, but further figures may have disappeared.

Compton, Spencer Joshua Alwyne, 2nd marquis of Northampton.
see Johnston, James Finlay Weir. What can be done for English agriculture? A letter to the marquis of Northampton. 1842. 904

- 383 **Considerations on agriculture: treating of the several methods** practised in . . . Ireland, with remarks thereon. New improvements on . . . manures . . . Of the culture of wheat . . . [Attributed to George Rye.] To which is added, mr. Pierson's two tracts of the present state of the tillage in Ireland, . . . with a description of several kinds of ploughs [etc.]. G. Grierson: Dublin, 1730.

pp. xii, 88, [ii], 35, 42, plt., illus., 8vo

For a note on the authorship of this work, *see* Supplementary Notes, p. 290. The 3rd and 4th, and the 5th, sequences of pagination respectively contain Pierson's tracts, q.v., 1341-2

Constable, John, and others

- 384 **Agricultural education.** [Six lectures, by J. Constable and others.] Longman: London; E. Baily: Cirencester, [1864]. pp. [viii], 167, 8vo.

On title-page: With the Editor's compts.

Practice with science: a series of agricultural papers. [By J. Constable and others.] 2 vol. 1867-69. *see* Practice with science. 1378

- Cooke, George**
 385 The complete English farmer: or, Husbandry made perfectly easy, in all its useful branches. Containing what every farmer ought to know and practice [etc.]. J. Cooke: London [c. 1770]. pp. [ii], 165, frontis., sm. 8vo.
- Cooke, James**
 386 Drill husbandry perfected. With other interesting circumstances in agriculture, [etc.]. J. Imison: Manchester; for Mr. Murray: London, [1784]. pp. iii, 42, frontis., 8vo.
- Cooke, Layton**
 387 Tables adapted to the use of farmers and graziers; calculated to ascertain the quantity of land which may be worked with agricultural implements . . . Also, tables for reducing measures, of various capacity, to the standard of the Winchester bushel, [etc.]. Longmans, [etc.]: London, [etc.], 1815. pp. viii, 103, 8vo.
- Cooke, Mordecai Cubitt**
 388 Rust, smut, mildew, & mould. An introduction to the study of microscopic fungi. 5th ed., rev. and enlarged. Illustrated . . . by J. E. Sowerby. W. H. Allen: London, 1886. pp. [viii], 262, frontis., pls., 8vo.
- Cooper, William**
 389 The timely monitor; or, The cause of the agriculturist advocated: . . . wherein is shewn the alarming prospect . . . , if the farmer be not relieved from . . . the high rent of land!! With remarks on the late improvements in the breed of cattle, agriculture, and agricultural mechanism; . . . observations on draining . . . manures, composts, etc. J. Plant: Derby, [c. 1815]. pp. vii, [8]-68, 8vo.
- Cooper, William, and nephews, Berkhamsted**
 390 The sheep breeders' directory. With hints on cross-breeding and on the rearing of sheep for export. By the proprietors of Cooper's dipping powder. W. Cooper & Nephews: Berkhamsted, [1898]. pp. 58, illus., 8vo.
- Coote, sir Charles, 2nd bart.**
 391 General view of the agriculture and manufactures of the King's county . . . drawn up . . . for . . . the Dublin society. Graisberry & Campbell: Dublin, 1801. pp. xiii, 17, [8], 242, pls. (incl. mp.), illus., 8vo.
- 392 General view of the agriculture and manufactures of the Queen's county . . . drawn up . . . for . . . the Dublin society. Graisberry & Campbell: Dublin, 1801. pp. xix, 236, [36], pls. (incl. mp.), illus., 8vo.

- Coote, sir Charles, *2nd bart.*
- 393 Statistical survey of the county of Armagh . . . drawn up . . . for . . . the Dublin society. Graisberry & Campbell: Dublin, 1804. pp. xxv, 395, 35, [2], pls. (mps.), illus., 8vo.
- 394 Statistical survey of the county of Cavan . . . drawn up . . . for . . . the Dublin society. Graisberry & Campbell: Dublin, 1802. pp. xix, 1, 304, pls. (incl. mp.), illus., 8vo.
- 395 Statistical survey of the county of Monaghan . . . drawn up . . . for . . . the Dublin society. Graisberry & Campbell: Dublin, 1801. pp. viii, 4, [xi]-xxxix, [8], 256, [2], pls. (incl. mp.), illus., 8vo.
Pages i-ii missing. The 4 pp. numbered in arabic following p. viii contain 'Suggestions of enquiry for gentlemen who shall undertake the forming of agricultural surveys.'
- Copland, Samuel, '*The Old Norfolk Farmer*', *pseud.*
- 396 Agriculture, ancient and modern: a historical account of its principles and practice, exemplified in their rise, progress, and development. Virtue: London, [1866]. 2 vol., 1a. 8vo.
Each volume has additional engraved title-page.
- 397 Wheat: its history, characteristics, chemical composition, and nutritive properties. By the Old Norfolk farmer [i.e. S. Copland]. (*Country Library & Family Circle Books*). Warne: London, [1865]. pp. xvi, 172, frontis., pls., sm. 8vo.
- Corbet, Henry, *jt. ed.*
see Parliament—House of Commons—*Select Committee on Agricultural Customs*. Digest of evidence. Compiled and arranged by W. Shaw and H. Corbet. 1849. 1312
- Corfield, William Henry
- 398 A digest of facts relating to the treatment and utilization of sewage. Prepared for the committee of the British association. Macmillan: London, 1870. pp. xxiii, 282, 8vo.
- Corn laws: an appeal to tradesmen in town and country. [By a London tradesman]. 1844. *see* A London Tradesman, *pseud.* 1033
- 399 Corn, roots, and other crops of the farm. A practical guide to the successful and remunerative cultivation of wheat, oats, barley, rye, [etc.]. Ward, Lock: London, [c. 1881]. pp. vii, 154, illus., 8vo.
The contents are identical with the section *The crops of the farm* in Ward Lock's *Book of farm management* (no. 1860) and in Beeton's *Field, farm and garden* (no. 143).
- Corrigan, Andrew
- 400 Theory and practice of modern agriculture; to which is added, The breeding, management, & diseases of cattle, sheep, pigs, horses, and poultry. 2nd ed. Farmers' Gazette: Dublin, 1857. pp. viii, 202, frontis., illus., 8vo.

Cosens, Thomas

- 401 The farmers' guide, or Compendium of useful knowledge; being a practical treatise on agriculture . . . , remarks on the poor rates, and a plan to relieve Ireland. T. Harvey: London, 1825. pp. viii, 95, [2], 8vo.

The author's name is given as Cosans on the title-page, but as Cosens in the text.

Cotton, *sir* Arthur Thomas

- 402 Thorough cultivation. [n.p., c. 1888]. pp. 16, 8vo.

In ms. on front endpaper: From *sir* A. Cotton.

Coulter, Henry

- 403 The west of Ireland: its existing condition, and prospects. Hodges & Smith: Dublin; Hurst & Blackett; W. Blackwood: London, 1862. pp. x, [ii], 372, frontis., pls. (incl. mps.), 8vo. Frontispiece wanting.

Coulton, *miss*

- 404 From hay-time to hopping. By the author of *Our farm of four acres* [i.e. *miss* Coulton]. Chapman & Hall: London, 1860. pp. [iv], 259, 8vo.
- 405 *Our farm of four acres, and the money we made by it.* Chapman & Hall: London, 1859. pp. [iv], 118, frontis., 8vo.
- 406 *Our farm of four acres: how we managed it, the money we made by it, and how it grew into one of six acres.* 10th ed., rev. and greatly enlarged. Chapman & Hall: London, 1870. pp. viii, 208, frontis., illus., 8vo.

Country Gentleman

The complete grazier: or, Gentleman and farmer's directory. Written by a country gentleman. 2nd ed. 1767. *see* *Complete grazier* . . . 381

A new system of agriculture. By a country gentleman. 2nd ed. 1755. *see* *New system* . . . 1269

- 407 The Country gentleman and farmers treasury of useful knowledge: shewing the nature and cure of every disease incident to cattle . . . To which are added, A curious treatise on the breeding and managing of wild and tame conies, [etc.]. J. Wheble: London; C. Frost: Chelmsford, 1771. pp. 165, 8vo.
- 408 The Country gentleman's companion, [etc.]. By a country gentleman. T. Trye: London, 1755. 2 vol., sm. 8vo.

B.M. Catalogue annotation: '*Imperfect, wanting all after p. 288 of vol. 1*'. In the present set vol. 1 contains 239 pages only, and p. 239 has in print, *The end of the first volume*.

Courtenay, William, 10th earl of Devon

- 409 Letter from an Irish proprietor to the ministers of religion of the district. J. Bigg, [etc.]: London, [etc.], 1847. pp. 23, 8vo.

- Cousins, Herbert Henry, *trsl. see* Wolff, Emil Theodor von.
Farm foods. 1895. 1936
- Coventry, Andrew
- 410 Discourses explanatory of the object and plan of the course of lectures on agriculture and rural economy. A. Constable: Edinburgh; J. Murray: London, 1808. pp. [iv], 188, 8vo.
- 411 Notes on the culture and cropping of arable land. J. Johnstone: Edinburgh, 1812. pp. [ii], 55, 31, 8, 8vo.
With ms. inscription by the author.
- 412 Remarks on live stock and relative subjects. A. Constable: Edinburgh; J. Murray: London, 1806.
pp. [ii], ii, [3]–84, 8, 8vo.
Preface signed: A. C.
- 413 **The Cow.** A guide to dairy-management and cattle-rearing. Containing all necessary information regarding animals, grazing, milk, butter, & cheese. Ward Lock: London, [c. 1880]. pp. viii, [ii], 156, illus., 8vo.
The contents are identical with the section *The cow* in Ward Lock's *Book of farm management* (no. 1860) and in Beeton's *Farmer's own book* (no. 142).
- Cox, George
- 414 Agricultural chemistry. The author, [etc.]: London; C. Stafford: Bedford, 1844. pp. iv, [3]–155, 8vo.
- Cox, Irwin Edward Bainbridge, '*I.E.B.C.*', *ed.*
- 415 The farm, garden, stable, and aviary. (*Field Library*, 3). 2nd ed. H. Cox: London, 1869–71. 3 vol., 8vo.
- Coxe, William, *ed. see* Stillingfleet, Benjamin. Literary life and select works. 2 vol. 1811. 1679–80
- Craig, Edward Thomas
- 416 The Irish land & labour question, illustrated in the history of Ralahine and co-operative farming. Trübner: London; A. Heywood: Manchester, 1882.
pp. xii, [3]–204, [20], frontis., illus., 8vo.
- Craig, James
- 417 A common sense view of the potato disease; shewing how it comes, and how to prevent it. Longman: London; Johnson & Tesseyman: York, 1872. pp. 42, 8vo.
- Cramp, William
- 418 Hints to dairy farmers: being an account of the food, and extraordinary produce of a cow. To which are now added, economical and easy rules for rearing calves. Published by order of the Board of agriculture. new ed. H. Wright: London, 1839. pp. 40, 8vo.

Crews, A. W.

- 419 Manures: their respective merits, from an economical point of view. H. Cox (*The Field*): London, 1880. pp. vi, 133, 8vo.

Crookes, *sir* William

- 420 On the manufacture of beet-root sugar in England and Ireland. Longmans: London, 1870.

pp. xvi, 290, xii, frontis., illus., 8vo.

- 421 The wheat problem. Based on remarks made in the presidential address to the British association at Bristol in 1898. Revised, with . . . two chapters on the future wheat supply of the United States, by C. W. Davis . . . and J. Hyde, [etc.]. J. Murray: London, 1899. pp. xi [i.e. xii], 207, 8vo.

see Ville, Georges. On artificial manures. 1879. *and* The perplexed farmer. 1891. Trsl. by W. Crookes. 1821-2

Crory, William Glenny

- 422 Industry in Ireland. A treatise on the agricultural powers, manufacturing capabilities and commercial advantages of Ireland. Simpkin, Marshall, [etc.]: London, [etc.], 1865.

pp. xvi, 158, 8vo.

- 423 Plain directions for practical farmers on flax culture. 2nd ed. W. Robertson, [etc.]: Dublin, [etc.], 1864. pp. 38, [2], 8vo.

- 424 A treatise on industrial resources (still neglected) in Ireland: in which the manufacturing powers of Ireland are pointed out, their value estimated, and how to work them on purely commercial principles fully set forth. McGlashan & Gill: Dublin, 1860. pp. xxii, [ii], 182, sm. 8vo.

Crowe, James

Remarks on the culture of potatoes. *in* Hayes, Samuel. Essays in answer to all the queries on the culture of potatoes. 1797. 766

Crutchley, John

- 425 General view of the agriculture in the county of Rutland . . . Drawn up for the Board of agriculture [etc.]. W. Smith: London, 1794. pp. 34, 8vo. (sm. 4to.)

Cruttwell, Richard

A general dictionary of husbandry, planting, [etc. Sometimes attributed to R. Cruttwell]. 2 vol. 1779. *see* General dictionary . . . 671

- Culley, George**
- 426 Observations on live stock; containing hints for choosing and improving the best breeds of the most useful kinds of domestic animals. 4th ed., with an appendix. G. Wilkie & J. Robinson, [etc.]: London, 1807. pp. vii, xx, [21]–274, [6], plt., 8vo.
see Bailey, John *and* Culley, George. General view of the agriculture of the county of Cumberland. 1794. *and* General view of the county of Northumberland. 1797, [etc.]. 80–5
- Cullyer, John**
- 427 The gentleman & farmer's assistant; containing . . . tables for . . . land . . . manure . . . thatcher's work, [etc.]. 2nd ed. Stevenson & Matchett: Norwich; J. Scatcherd; Champante & Whitrow: London, [1798]. pp. xix, 124, illus., sm. 8vo.
 Preface dated July 24, 1798, and signed in ms. by the author.
- 428 ———. 10th ed. Matchett, Stevenson & Matchett: Norwich; Whittaker, Treacher; Houlston: London, [1831].
 pp. 151, illus., sm. 8vo.
- Culpeper, Nicholas**
- 429 The English physitian enlarged: with three hundred, sixty, and nine medicines, made of English herbs that were not in any impression untill this. [etc.]. J. Streater: London, 1666. pp. [xiv], 285, [18], 8vo.
 Wing C 7506. Lacks first preliminary leaf (A1, blank?) and last leaf (Bb8).
- Cultivation**
- Thorough cultivation. [By sir A. T. Cotton. c. 1888]. *see* Cotton, sir Arthur Thomas. 402
- Culture**
- The improved culture of three principal grasses, lucerne, sainfoin, and burnet. 1775. *see* Improved culture . . . 859
- Cumberland—County Council—Technical Education Sub-Committee**
- Report[s] on experiments with crops and stock in the counties of Cumberland, Durham and Northumberland, 1897 (98, 99) *and* Report[s] on manurial trials . . . 1895(96). *see* Northumberland—County Council—Technical Education Sub-Committee. 1280
- 430 **Cumberland farm life.** Memorandums of old times. [A volume of poems in the Cumberland mid-county dialect]. Callander & Dixon: Whitehaven, 1869. pp. 23, 8vo.
 Contains two poems: 1. Cumberland farm life in old times, in its mid-county dialect. 2. Crossyats Boggle. [Signed 'D'.]

Cumberland Landowner, *pseud.*

- 431 A few hints to landowners & cultivators. Horn or corn: which pays best. By a Cumberland landowner. T. McMechan: Wigton, 1873. pp. [vi], [7]–22, sm. 8vo.

Cundall, John

A valuable collection of receipts, for the cure of most disorders incident to horse and beasts. *in* The School of arts; together with a valuable collection of receipts by J. Cundall. 5th ed. [c. 1795]. 1525

Curiosities of nature and art in husbandry and gardening. [Translated from the French of P. Le Lorrain de Vallemont]. 1705. *see* Le Lorrain de Vallemont, Pierre. 1002

Curror, David. '*A Fife Scot*', *pseud.*

- 432 Clodhopper cracks anent vegetable and animal manufacture. By a Fife Scot [i.e. D. Curror]. Seton & Mackenzie: Edinburgh, 1872. pp. iv, iv, [5]–128, 8vo.

On title-page: John Black Esq., With D. C.'s respects.

Curtis, Charles Edward

- 433 Estate management. A practical handbook for landlords, stewards, and pupils. With a legal supplement by a barrister [i.e. Frederick Green]. Also, Tenant right from a landlord's point of view. The Field: London, 1879. pp. xv, 352, illus., 8vo.

- 434 —. [2nd ed.] H. Cox (The Field): London, 1882.

pp. xv, 352, illus., 8vo.

- 435 —. 4th ed. H. Cox (The Field): London, 1895.

pp. xix, 428, illus., 8vo.

Curtis, John

- 436 Farm insects: being the natural history and economy of the insects injurious to the field crops of Great Britain and Ireland, and also those which infest barns and granaries. With suggestions for their destruction. Blackie: Glasgow, [etc.], 1860. pp. xiv, [15]–528, frontis., pls., illus., 4to.

Curtis, William

- 437 Practical observations on the British grasses, especially such as are best adapted to the laying down or improving of meadows and pastures: to which is added, An enumeration of the British grasses. 4th ed., with additions. J. Clyatt: Lambeth, 1804. pp. [iv], 58, [2], pls., 8vo.

- 438 Practical directions for laying down or improving meadow and pasture land, with an enumeration of the British grasses [etc.]. 7th ed., with considerable additions, by J. Lawrence . . . To which is subjoined, A short account of the causes of . . . the blight . . . by sir Joseph Banks, bart. Sherwood, Gilbert & Piper: London, 1854. pp. [iv], 165, frontis., pls., 8vo.

A later ed. of 437

- Curtler, William Henry Ricketts
 439 A short history of English agriculture. Clarendon Press: Oxford, 1909. pp. viii, 371, 8vo.
- Curwen, John Christian
 440 Hints on the economy of feeding stock, and bettering the condition of the poor. B. Crosby, [etc.]: London, [etc.], 1808. pp. xvi, 364, 2, frontis., pls., 8vo.
 441 Hints on agricultural subjects, and on the best means of improving the condition of the labouring classes. 2nd ed., improved and enlarged. J. Johnson; B. Crosby: London, 1809. pp. xxiv, 385, [2], pls., 8vo.
 A 2nd ed. of 440.
 442 Observations on the state of Ireland, principally directed to its agriculture and rural population; in a series of letters, written on a tour through that country. Baldwin, Cradock & Joy: London, 1818. 2 vol., 8vo.
- Cuthill, James
 443 Practical instructions for the cultivation of the potato . . . Also, instructions on the management of asparagus, sea kale, rhubarb, vegetable marrow, scarlet runner, strawberry, melon, cucumber; the tomato, or love-apple; chicory and lamb lettuce as salads, [etc.]. The author: London, 1850. pp. 56, frontis., 8vo.
- D.
 Crossyats boggle. *in* Cumberland farm life. 1869. 430
- D. B. *see* B., D. 73
- Dacre, Bartholomew
 444 Testimonies in favor of salt as a manure, and a condiment for horse, cow, and sheep. With testimonies of its vast importance in the arts, in manufactures, and in the fisheries; accompanied by testimonies in favor of agriculture. H. Smith, [etc.]: Manchester, [etc.], 1825. pp. vi, [7]–288, [2], 8vo.
- Dairy farming. By Ruricola. 1856. *see* Ruricola, *pseud.* 1511
- Dalriad, *pseud.*, *i.e.* lord Colin Campbell. *see* Campbell. 310
- Dalrymple, William
 445 A treatise on the culture of wheat. W. Bulmer for T. Beckett: London, 1800. pp. viii, 68, 8vo.
 With ms. inscription by the author.
- Danchell, Frederick Hahn
 446 Concerning sewage and its economical disposal. Simpkin, Marshall: London, 1872. pp. [ii], 41, 8vo.

Darby, Joseph

- 447 Pastures old and new. A plea for the improvement of old turf, better systems of grassing-down, and the prolonged tenure of alternate husbandry grass-layers. H. Cox: London, 1885. pp. 48, 8vo.

Darton, John, *jt. author.* see Hickey, William, '*Martin Doyle*', *pseud.*, and Darton, John. Cottage and dairy farming. [1894]. 796

Darwin, Erasmus

- 448 *Phytologia*; or, The philosophy of agriculture and gardening. With the theory of draining morasses, and with an improved construction of the drill plough. J. Johnson: London, 1800. pp. viii, 612, [12], pls., 4to.

Daubeny, Charles Giles Bridle

- 449 Climate: an inquiry into the causes of its differences, and into its influence on vegetable life. J. H. & J. Parker: Oxford & London; H. G. Bohn: London, 1865. pp. [iv], 4, [v]-vi, 144, iii, pls., illus., 8vo.

With ms. inscription by the author.

- 450 Lectures on Roman husbandry . . . comprehending . . . an account of the system of agriculture, the treatment of domestic animals, the horticulture &c., pursued in ancient times . . . collected from the *Scriptores rei rusticae*, the *Georgics* of Virgil, and other classical authorities, with notices of the plants mentioned in Columella and Virgil. J. H. & J. Parker: Oxford; H. Bohn: London, 1857. pp. xv, 328, [2], pls., 8vo.

- 451 Memoir on the rotation of crops, and on the quantity of inorganic matters abstracted from the soil by various plants under different circumstances. R. & J. E. Taylor: London, 1845. pp. [ii], 179-252, illus., 4to.

From the *Philosophical transactions of the Royal society*, 1845, pt. 2. In ms. on cover: Proof. Professor Liebig from the Author.

- 452 Three lectures on agriculture . . . in which the chemical operation of manures is particularly considered, and the scientific principles explained, upon which their efficacy appears to depend. J. H. Parker: Oxford; J. Murray: London, 1841. pp. xvi, 106, iii, 8vo.

David, Alexander Jones, *contrib.* see Dyer, Bernard Shirley. Fertilisers and feeding stuffs. With the Fertilisers and feeding stuffs act, 1895, and notes on the act by A. J. David. 2nd ed., rev. 1897. 543

Davies, Walter

- 453 General view of the agriculture and domestic economy of North Wales; containing the counties of Anglesey, Caernarvon, Denbigh, Flint, Meirionydd, Montgomery. Drawn up for . . . the Board of agriculture [etc.]. Sherwood, Neely & Jones: London, 1813. pp. xvi, 510, [4], mp. frontis., 8vo.
- 454 General view of the agriculture and domestic economy of South Wales; containing the counties of Brecon, Caermarthen, Cardigan, Glamorgan, Pembroke, Radnor. Drawn up for . . . the Board of agriculture [etc.]. Sherwood, Neely & Jones: London, 1815. 2 vol., 8vo.

Davis, Hewitt

- 455 Farming essays (third series). Redford, [etc.]: London, 1855. pp. viii, 82, [2], 8vo.
- 456 The injury and waste of corn from the present practice of too thickly sowing. 2nd ed., enlarged. F. Waller: London, 1843. pp. 16, 8vo.
- 457 Practical essays for the improvement of farming, being a revised ed. of his works on farming. Redford, [etc.]: London, 1860. pp. xiv, 250, 8vo.

Davis, James Richard Ainsworth, *trsl.* *see* Bos, Jan Ritzema. Agricultural zoology. 2nd ed. 1900. 197

Davis, Richard

- 458 General view of the agriculture of the county of Oxford . . . Drawn up for . . . the Board of agriculture [etc.]. W. Bulmer: London, 1794. pp. 39, plt. (mp.), 8vo. (sm. 4to.)

Davis, Thomas

- 459 General view of the agriculture of the county of Wilts . . . Drawn up for . . . the Board of agriculture [etc.]. London, printed, 1794. pp. [4], 163, 8vo. (sm. 4to.)
- 460 ——. [Another ed.] R. Phillips: London, 1811. pp. xix, 268, [4], port. frontis., pls. (incl. mp.), 8vo.
- 461 ——. [Another issue]. Sherwood, Neely & Jones: London, 1813.

The ed. of 1811 is a revision made after the author's death by his son, Thomas Davis jun.

see Wright, Thomas, *rector of Ould*. The art of floating land, with a particular examination of what mr. Boswell, mr. Davis, mr. Marshall, and others, have written on the subject. 1799. 1954

Davy, *sir* Humphry, 1st bart.

- 462 Elements of agricultural chemistry, in a course of lectures for the Board of agriculture. Longman: London; A. Constable: Edinburgh, 1813. pp. viii, 523, lxiii, [iv], plts., 4to.

With an appendix: *An account of the results of experiments on the produce and nutritive qualities of different grasses and other plants, used as the food of animals.* [By George Sinclair.]

- 463 On the analysis of soils, as connected with their improvement. W. Bulmer: London, 1805. pp. [ii], 17, plt., 4to.

see Russell, Joseph. A treatise on practical and chemical agriculture, compiled, principally, from the scientific works of sir H. Davy. 2nd ed. [1840]. 1515

see A Treatise on soils and manures, in which the theory and doctrines of sir Humphry Davy are rendered familiar. 1818. 1764

Dawson, Leonard, *ed.*

- 464 The new British farmer; or, A complete system of practical agriculture and modern husbandry, [etc.]. J. Gleave: Manchester, 1827.
pp. [ii], iv, [iii]-iv, [5]-520, frontis., plts., 8vo.

With additional engraved title-page.

Day & sons, *Crewe*

- 465 Everyday farriery; or, The management of stock from disease to health. 13th ed. Day & sons: Crewe, [c. 1890].
pp. xii, 207, illus., 8vo.

Day, George Game

- 466 Defeat of the Anti-corn-law league in Huntingdonshire. The speech of mr. George Game Day on that occasion, at Huntingdon, June 17, 1843, [etc.]. 49th ed. J. Ollivier: London, 1844.
pp. iv, 24, 8vo.

In AGRICULTURAL PROTECTION SOCIETY. Tracts issued up to 1844. 20.

- 467 The farmers and the league. The speech of mr. George Game Day . . . at Huntingdon, January 27, 1844, on the occasion of forming an anti-league association for the county of Huntingdon. With notes. Reported by . . . William Day [etc.]. 30th ed. J. Ollivier: London, 1844. pp. 23, 8vo.

In AGRICULTURAL PROTECTION SOCIETY. Tracts issued up to 1844. 20.

Day, William

- 468 The horse: how to breed and rear him—race-horse, hunter, hack, troop-horse, draught-horse, shire-horse, carriage-horse, pony. 2nd ed. R. Bentley: London, 1890. pp. xxv, 453, 8vo.

- De l'agriculture et de la condition des agriculteurs en Irlande et dans la Grande-Bretagne.** [By M. Rubichon and L. Mounier.] *see* Rubichon, Maurice and Mounier, L., eds. On the condition of the agricultural classes of Great Britain and Ireland. 2 vol. 1842. 1508
- 469 **De re rustica**; or, The repository for select papers on agriculture, arts, and manufactures. R. Davis; L. Davis: London, 1769-70. 2 vol. [in 1], 8vo.
 Attributed by Donaldson, Perkins and others to Matthew Peters, due to a misreading of Weston, p. 97. Issued in parts, irregularly, 1768-70.
- Dean, George Alfred**
- 470 The culture, management, and improvement of landed estates. Longmans: London, 1872.
 pp. xxviii, 280, 245, mp. frontis., pls., illus., la. 8vo.
 Pt. 2 contains *Laws relating to land: its management and improvement*.
- 471 The land steward. Atchley: London, 1851.
 pp. xii, 304, pls., illus., la. 8vo.
- Demainbray, Stephen George Francis Triboudet**
- 472 The poor man's best friend; or, Land to cultivate for his own benefit: being the results of twenty-four years' experience. In a letter to the marquess of Salisbury, as given in evidence before the House of Lords' Committee on the poor laws. J. Ridgway, [etc.]: London, [etc.], 1831. pp. 58, 8vo.
- Deman, E. F.**
- 473 The flax industry; its importance and progress: also its cultivation and management, [etc]. J. Ridgway, [etc.]: London, [etc.], 1852. pp. xi, 178, 8vo.
- Dempsey, George Drysdale**
- 474 Rudimentary treatise on the drainage of districts and lands. 6th ed., rev. and enlarged. (*Weale's Rudimentary Series*, 29). Lockwood: London, 1876. pp. v, [ii], 160, illus., sm. 8vo.
- Dempster, George**
see Roger, James, 1767-1849. General view of the agriculture of Angus. Drawn up under the direction of George Dempster. 1794. 1478
- Denny, J. T., 'Free-Lance', pseud.**
- 475 Horses and roads: or, How to keep a horse sound on his legs. By Free-Lance [i.e. J. T. Denny]. Being a series of papers republished from the Farm journal. 3rd ed. Longmans: London, 1881. pp. xii, 229, [2], 8vo.

Denton, John Bailey, *ed.*

- 476 The farm homesteads of England. A collection of plans of English homesteads . . . to illustrate the accommodation required under various modes of husbandry, [etc.]. 2nd ed. Chapman & Hall: London, 1865.
pp. xv, [9]–188, frontis., pls., fol.
- 477 The sewage question. Letters, with appendix, explaining shortly the several processes . . . adopted for the treatment and utilization of sewage, with special reference to the selection and preparation of land for irrigation, and for intermittent downward filtration. E. & F. N. Spon: London, 1871.
pp. 66, 8vo.

De Sussex, F. S. M. *see* Sussex, F. S. M. de. 1702–3

Devon, William Courtenay, 10th earl of. *see* Courtenay. 409

Devon Cattle Breeders' Society

History of the Devon breed of cattle. [Published for the Devon cattle breeders' society]. 1895. *see* Sinclair, James, *ed.* 1582

Dickens, Charles

Farm and college. [Reprinted from All the year round, no. 4949, Oct. 10, 1868.] in Cirencester—Royal Agricultural College. Royal agricultural college students' gazette. new series, vol. 19, pt. 1, June 1932. 335

Dickinson, William, of Cockermouth, Cumberland

- 478 Essay on the agriculture of east Cumberland, to which the prize of fifty pounds given by the earl of Lonsdale in 1852, was awarded. A. Thurnam, [etc.]: Carlisle, [etc.], 1855.
pp. [iv], ii, [5]–51, mp. frontis., plt., 8vo.
- 479 Essay on the agriculture of west Cumberland, to which the premium offered by the rev. canon Parkinson . . . was awarded, October 4, 1850. Whittaker: London; R. Gibson: Whitehaven, 1850. pp. iv, 71, mp. frontis., plt., illus., 8vo.

Dickinson, William, of Lymington, Hants.

- 480 Instructions for growing Italian rye grass. J. Ridgway: London, 1855. pp. 20, frontis., 8vo.

Dickson, Adam

- 481 A treatise of agriculture. A. Donaldson: Edinburgh; A. Millar, [etc.]: London, 1762. pp. xvi, 427, pls., 8vo.

Dickson, James Hill

- 482 A series of letters on the improved mode in the cultivation and management of flax; with . . . instructions on the value and qualities of flax adapted to spin into the different numbers of yarns; also, several tables [etc.]. R. Groombridge: London, 1846. pp. xvi, 248, 12, 8vo.

Dickson, R. W.

- 483 A complete system of improved live stock and cattle management, [etc.]. T. Kelly: London, 1824. 2 vol., 4to.
With additional engraved title-page to vol. 1.
- 484 The farmer's companion; being a complete system of modern husbandry: including the latest improvements and discoveries, in theory and practice. 2nd ed. Sherwood, Neely & Jones: London, 1813. 2 vol., la. 8vo.
Originally published as *Practical agriculture*. 1805. 487.
- 485 General view of the agriculture of Lancashire . . . Drawn up for . . . the Board of agriculture [etc.]. Revised and prepared for the press, by W. Stevenson. Sherwood, Neely & Jones: London, 1815. pp. xii, 653, [8], mp. frontis., plts., 8vo.
- 486 A grammar of the first principles of agriculture, intended chiefly for the use of young persons, as a branch of liberal education. R. Phillips: London, 1810.
pp. [iv], 180, frontis., plts., sm. 8vo.
- 487 Practical agriculture; or, A complete system of modern husbandry: with the methods of planting, and the management of live stock. R. Phillips: London, 1805. 2 vol., 4to.
For a later ed., see his *The farmer's companion*. 1815. 484.
- 488 Dictionarium rusticum & urbanicum: or, A dictionary of all sorts of country affairs, handicraft, trading, and merchandizing, [etc.]. A. & J. Churchill; J. Taylor: London, 1704.
no pagination [845 pp.], illus., 8vo.
Formerly attributed to Nathaniel Bailey, and sometimes attributed to John Worlidge.

Dictionary

A general dictionary of husbandry, planting, [etc.]. 2 vol. 1779.
see **General dictionary** . . . 671

Dircks, Henry

- 489 A biographical memoir of Samuel Hartlib, Milton's familiar friend; with bibliographical notices of works published by him; and a reprint of his pamphlet entitled *An invention of engines of motion*. J. R. Smith: London, [1888]. pp. x, [iv], 124, [2], 8vo.
An invention of engines of motion was written by Cressy Dymock, of whom a short notice is included.

Directions

A few practical directions concerning sanatory [*sic*] arrangements for cities and towns, and improvement in agriculture. [Signed Omicron.] 1846. see **Omicron, pseud.** 1288

Directions for preparing manure from peat. Instructions for foresters. [By Allan Maconochie, lord Meadowbank]. 1815.
see **Maconochie, Allan, lord Meadowbank.** 1105

Disraeli, Benjamin, *earl of Beaconsfield*

see Smith, William, *fl. c. 1857, of Woolston, Bucks.* A letter on steam cultivation, addressed to Benjamin D'Israeli. 1857. 1626

- 490 A Dissertation on stall feeding; also, A specification of cheap nutritious food for horses, oxen, and milch-cows; with observations on the horse [etc.]. By a member of the Dublin farming society, &c. 2nd ed. N. Clarke: Dublin, 1815. pp. 36, 8vo.
- 491 A Dissertation on the nature of soils, and the properties of manure: to which is added, The method of making a universal compost, to supply the place of dung . . . With a synopsis of the science of agriculture, practically delineated, [etc.]. Sherwood, Gilbert & Piper: London, 1833. pp. vii, [iv], 141, 35, 8vo.

Dissertations

Miscellaneous dissertations on rural subjects. 1775. see Miscellaneous dissertations . . . 1208

Dixon, Henry Hall, '*The Druid*', *pseud.*

- 492 Field and fern; or, Scottish flocks & herds. Rogerson & Tuxford: London, 1865. 2 vol., 8vo.
- 493 Saddle and sirloin, or, English farm and sporting worthies. Part North. F. Warne: London, [1870]. pp. [ii], 2, iv, 486, frontis., 8vo.
- Part South* was to have been published in 1871, but never appeared. Dixon died in 1870.

Dobson, Joseph R.

- 494 The ox: his diseases and their treatment. With an essay on parturition in the cow. 2nd ed. Longmans: London, 1872. pp. x, [ii], 302, frontis., illus., 8vo.

The Dog in health and disease. By Stonehenge [i.e. J. H. Walsh.] 2nd ed. 1872. see Walsh, John Henry. 1855

- 495 Domestic animals: containing instructions for the rearing, breeding, feeding, and management of milch cows, pigs, poultry . . . &c. With directions for distinguishing and curing . . . diseases [etc.]. T. M. Cradock: London, 1840. pp. [ii], ii, 60, 8vo.

Donald, James

- 496 Land drainage, embankment, and irrigation: their practical application, cost, probable profits and the proper season for such undertakings. (*Richardson's Rural Handbooks*). new ed., rev. by the author. W. S. Orr: London; J. McGlashan: Dublin, [1852]. pp. [viii], [9]-156, frontis., illus., 8vo.

Donaldson, James, c. 1668-c. 1720

- 497 Husbandry anatomized, or, An enquiry into the present manner of teiling [*sic*, for teiling] and manuring the ground in Scotland for most part, [etc.]. J. Reid: Edinburgh, 1697. pp. [xvi], 136, sm. 8vo. (12mo.)
Wing D 1853. *Followed by*
- 498 Postscript to Husbandry anatomiz'd or, An addition to the enquiry into the present manner of ordering, dressing, and manuring the ground in Scotland for most part, [etc.]. J. Reid: Edinburgh, 1698. pp. 48, sm. 8vo. (12mo.)
Wing D 1855.
- Donaldson, James, *fl.* 1794, *of Dundee*
- 499 General view of the agriculture of the carse of Gowrie, in the county of Perth . . . Drawn up for . . . the Board of agriculture [etc.]. C. Macrae: London, 1794. pp. 37, illus., plt., 8vo. (sm. 4to)
Lacking first leaf.
- 500 General view of the agriculture of the county of Banff . . . Drawn up for . . . the Board of agriculture [etc.]. T. Ruddiman: Edinburgh, 1794. pp. [6], 45, 8vo. (sm. 4to.)
- 501 General view of the agriculture of the county of Elgin or Moray, lying between the Spey and the Findhorn; including part of Strathspey, in the county of Inverness . . . Drawn up for . . . the Board of agriculture [etc.]. C. Clarke: London, 1794. pp. 43, 8vo. (sm. 4to.)
- 502 General view of the agriculture of the county of Kincardine; or, the Mearns . . . Drawn up for . . . the Board of agriculture [etc.]. Philanthropic Reform: London, 1795. pp. 36, 8vo. (sm. 4to.)
- 503 General view of the agriculture of the county of Nairn, the eastern coast of Inverness-shire, and the parish of Dyke, and part of Edenkeillie, in the county of Elgin, and Forres . . . Drawn up for . . . the Board of agriculture [etc.]. B. Millan: London, 1794. pp. 52, 8vo. (sm. 4to.)
- 504 General view of the agriculture of the county of Northampton . . . Drawn up for . . . the Board of agriculture . . . To which is added . . . a comparison between the English and Scotch systems of husbandry, as practised in the counties of Northampton and Perth. A. Neill: Edinburgh, 1794. pp. 68, 19, 8vo. (sm. 4to.)
- 505 Modern agriculture; or, The present state of husbandry in Great Britain. Including, an account of the best modes of cultivation practised throughout the island; the obstacles to farther improvements; and the means by which these may be most effectually removed. A. Neill: Edinburgh, 1795-6. 4 vol., 8vo.

Donaldson, John

- 506 Agricultural biography: containing a notice of the life and writings of the British authors on agriculture, from the earliest date in 1480 to the present time. The author: London, 1854. pp. vii [i.e. viii], 56, 51-137, la. 8vo.

Interleaved with blank pages, on many of which are ms. notes and corrections by W. F. Perkins.

- 507 British agriculture: containing the cultivation of land, management of crops, and the economy of animals [etc.]. Atchley: London, 1860. pp. vi, [ii], 844, frontis., illus., la. 8vo.

- 508 The cultivated plants of the farm. The legumes, the grains, and the esculents, comprising the scientific description and cultivated use of wheat, oats, peas, rape, [etc.]. Groombridge & Sons: London, 1847. pp. [iv], 143, sm. 8vo.

With bookplate of Donald McDonald.

- 509 The enemies to agriculture, botanical and zoological; being a brief account of the weeds, quadrupeds, birds, insects, and worms, which are injurious to the farmer, with the best means of their extirpation or diminution. R. Baldwin: London, 1847. pp. iv, 108, 8vo.

- 510 Rudimentary treatise on clay lands and loamy soils, [etc.]. J. Weale: London, 1852. pp. iv, 140, 8vo.

- 511 Soils and manures, the improvement of land, and the rotation of crops. (*Richardson's Rural Hand-books*). W. S. Orr: London; J. M'Glashan: Dublin, [c. 1852]. pp. [ii], ii, 147, [4], frontis., sm. 8vo.

- 512 A treatise on manures . . . With a description and use of the most approved British grasses [and] A miscellaneous article on farming, with an estimate and description of an example-farm of three hundred acres. R. Baldwin: London, 1846. pp. vi, 416, illus., 8vo.

see Bayldon, J. S. Bayldon's Art of valuing rents and tillages. 6th ed., corrected and rev. by J. Donaldson. 1844. 133

Donaldson, William

- 513 Agriculture considered as a moral and political duty; in a series of letters, [etc.]. T. Becket: London, 1775. pp. [ii], 202, 8vo.

Doncaster Agricultural Association

- 514 Bone manure. Report of the committee of the Doncaster agricultural association, on the advantages of bones as a manure, [etc.]. J. Ridgway: London, 1829. pp. [iii]-xi, 33, 8vo.

Half-title wanting?

- 515 Mangel wurtzel. Report of the committee of the Doncaster agricultural association on the advantages of mangel wurtzel as a fallow crop, [etc.]. 3rd ed. J. Ridgway: London, 1850. pp. vi, [7]-12, 8vo.

- Dossie, Robert
- 516 Memoirs of agriculture, and other oeconomical arts. J. Nourse: London, 1768-82. 3 vol., 8vo.
Published under the auspices of the Society for the encouragement of arts, manufactures and commerce. Issued in parts.
- Douglas, Robert
- 517 General view of the agriculture in the counties of Roxburgh and Selkirk . . . drawn up for . . . the Board of agriculture [etc.]. Edinburgh printed; for G. Nicol: London, 1798.
pp. xv, 378, mp. frontis., plts. (incl. mp.), 8vo.
- 518 ——. [Another issue]. Sherwood, Neely & Jones: London, 1813.
- Douglas, William, *and sons, ltd.*
- 519 Douglas's encyclopaedia. A book of reference for bacon curers, bacon factory managers, bacon agents, meat purveyors, meat inspectors, [etc.]. 2nd ed. W. Douglas: London, [1907].
pp. [iv], 634, [2], illus., 4to.
- Downton Series. *see* Cassell's Agricultural Readers
- Dowsett, Charles Finch, *ed.*
- 520 Land: its attractions and riches. By fifty-seven writers. Land Roll Office: London, 1892. pp. xv, 910, x, 8vo.
With ms. inscription by the editor.
- Doyle, Martin, *pseud.*, i.e. William Hickey. *see* Hickey, William. 789-95
- Driver, Abraham *and* Driver, William
- 521 General view of the agriculture of the county of Hants . . . Drawn up for . . . the Board of agriculture [etc.]. C. Macrae: London, 1794. pp. 78, illus., 8vo. (sm. 4to.)
pp. 45-66 contain the *General view of the agriculture of the Isle of Wight* . . . by [Richard] Warner. pp. 66-78 contain a *Postscript to the Survey of Hampshire*, by Arthur Young.
- The Druid, *pseud.*, i.e. Henry Hall Dixon. *see* Dixon, Henry Hall. 492-3
- Drummond, Henry
see Rubichon, Maurice *and* Mounier, L., *eds.* On the condition of the agricultural classes of Great Britain and Ireland. With a preface by Henry Drummond. 2 vol. 1842. 1508
- Drummond, W., *and sons*
- 522 A general list, or compendium of seeds, plants, implements, &c. sold by W. Drummond & sons, Stirling, [etc.]. C. Munro: Stirling, 1837. pp. 15, 8vo.

Drummond, W., and sons

- 523 A general priced catalogue of implements, seeds, plants, &c. sold at the agricultural museum and warehouse of W. Drummond & sons, seedsmen and nurserymen, Stirling. [n.p.], 1840. pp. 14, [2], plts., 8vo.

Drury, Charles

- 524 Recent and important national discoveries, of a new system of farming . . . at half the usual expense, with many other advantages . . . sanctioned and rewarded by the Board of agriculture . . . To which are now added, The manuring of all fallows, so as to produce great crops of wheat, [etc.]. 3rd ed., greatly enlarged. Baldwin, Cradock & Joy: London, 1815. pp. 200, 8vo.

Dryland, Peter, *pseud.*?

- 525 Farm life; or, Sketches for the country. Saunders, Ottley: London, 1861. pp. [vi], 292, 8vo.

Dublin Society, afterwards Royal Dublin Society

By-laws and ordinances, for the good government of the corporation. in The royal charter of the Dublin society, [etc.]. 1776. 529

- 526 Essays and observations on the following subjects. Viz. On trade, [etc.]. Published by a Society of gentlemen in Dublin. Dublin, printed; Corbett: London, reprinted, 1740. pp. [iv], 222, plts., 8vo.

This is a reprint of the Society's *Weekly Observations*, vol. 1; these were originally published in various Dublin weekly newspapers, 1757-58, and were issued in book form by P. Ruttly, Dublin, 1739.

- 527 Instructions for planting and managing hops, and for raising hop-poles. Drawn up and published by order of the Dublin society. D. Browne: London, 1735. pp. [iv], 67, illus., 8vo.

- 528 Prize essays on the potato, and the causes of the late partial failures, which obtained the gold and silver medals of the Royal Dublin society, 1835. R. Graisberry: Dublin, 1835.

pp. vi, 72, [2], plts., illus., 8vo.

Contains: *An essay on the properties, habits and culture of the potato*, by Wm. G. Andrews: *Essay on the failure of the potato crops during 1831, 1832, 1833 and 1834*, by Ninian Niven; and abstracts of 9 other essays.

- 529 The royal charter of the Dublin society. To which are added, the Society's by-laws and ordinances, for the good government of the corporation. S. Powell: Dublin, 1766.

pp. [iv], 18, 20, 8vo.

The *By-laws and ordinances* have a separate title-page and pagination.

Dublin Society

- 530 Some observations on the premiums given by the Dublin society, for sowing an acre of land with sixteen pounds of wheat. Published by order of the Dublin society. S. Powell: Dublin, 1764. pp. 16, 8vo.
see Baker, John Wynn. Experiments in agriculture, made in 1764(65). 1765(66). 91-2
see Baker, John Wynn. A plan for instructing youths in the knowledge of husbandry. 1765. 93
see Baker, John Wynn. Some hints for the better improvement of husbandry. 1762. 96
see Ireland—Parliament. An act for directing the application of the sum of eight thousand pounds granted to the Dublin society, for the encouragement of trades and manufactures. 1766. 861
see Woodward, Richard, bp. A scheme for establishing county poor-houses, in the kingdom of Ireland. 1766. 1942
For a list of the Dublin society county surveys, see page 289.
For individual surveys see entry under the respective authors.

Dubourdieu, John

- 531 Statistical survey of the county of Antrim . . . drawn up for . . . the Dublin society. Graisberry & Campbell: Dublin, 1812. pp. xxiii, 630, 112, pls. (incl. mp.), illus., 8vo.
 532 Statistical survey of the county of Down . . . drawn up for . . . the Dublin society. Graisberry & Campbell: Dublin, 1802. pp. xvi, 319, pls., 8vo.

Ducie, Henry George Francis Reynolds Moreton, *2nd earl of*.
see Moreton

Ducket, —

see Young, Arthur, 1741-1820. On the husbandry of three celebrated British farmers, messrs. Bakewell, Arbuthnot, and Ducket. 1811. 1993

Dugdale, *sir* William

- 533 The history of imbanking and drayning of divers fenns and marshes, both in forein parts and in this kingdom; and of the improvements thereby. Extracted from records, manuscripts, and other authentick testimonies. A. Warren: London, 1662. pp. [viii], 424, [2], pls. (mps.), fol.
 Wing D 2481. Several pp. wrongly numbered. With an engraved portrait of Dugdale by W. Hollar inserted as a frontispiece.

Duhamel du Monceau, Henri Louis

- 534 The elements of agriculture. Translated from the original French, and revised by Philip Miller. P. Vaillant, [etc.]: London, 1764. 2 vol., 8vo.

Duhamel du Monceau, Henri Louis

- 535 A practical treatise of husbandry . . . by . . . m. Duhamel du Monceau, also, The most approved practice of the best English farmers, in the old method of husbandry. [Translated and edited by John Mills]. 2nd ed., corrected and improved. C. Hitch & L. Hawes, [etc.]: London, 1762.
pp. xxiv, 489, [6], pls., 4to.

Duncumb, John

- 536 General view of the agriculture of the county of Hereford; drawn up for . . . the Board of agriculture [etc.]. G. & W. Nicol: London, 1805.
pp. viii, 173, mp. frontis., pls. (incl. mp.), 8vo.
- 537 ——. [Another issue.] Sherwood, Neely & Jones: London, 1813. pp. viii, 173, [2], mp. frontis., pls. (incl. mp.), 8vo.

Dundonald, Archibald Cochrane, 9th earl of. *see* Cochrane. 367

Dunk, George Montagu, 2nd earl of Halifax. *see* Montagu

Dunton, John, ed.

- 538 The phenix: or, A revival of scarce and valuable pieces from the remotest antiquity down to the present times. Being a collection of manuscripts and printed tracts, no where to be found but in the closets of the curious. By a gentleman who has made it his business to search after such pieces for twenty years past [i.e. J. Dunton]. J. Morphew: London, 1707.
pp. vi, 570, 8vo.
- 539 The second volume of The phenix, [etc.]. J. Morphew: London, 1708. pp. xv, 552, 8vo.

Durham—County Council—Technical Education Sub-Committee
Reports on manorial trials, 1895–1896, and on experiments with crops and stock, 1897–1901. *see* Northumberland—County Council—Technical Education Sub-Committee. Reports [on agricultural experiments]. 1895–1902. 1280

Dutton, Hely

- 540 Observations on mr. Archer's Statistical survey of the county of Dublin. Graisberry & Campbell: Dublin, 1802.
pp. [ii], xxi, 182, 127, pls. (incl. mps.), 8vo.
The Appendix contains extracts from John Rutty's *Essay towards a natural history of the county of Dublin*. 1772.
- 541 A statistical and agricultural survey of the county of Galway . . . drawn up for . . . the Royal Dublin society. R. Graisberry: Dublin, 1824. pp. xx, 528, 112, 8vo.
- 542 Statistical survey of the county of Clare . . . drawn up for . . . the Dublin society. Graisberry & Campbell: Dublin, 1808.
pp. xxiv, 369, 13, pls. (incl. mp.), 8vo.

- Dyer, Bernard Shirley**
 543 Fertilisers and feeding stuffs: their properties and uses. With the full text of the Fertilisers and feeding stuffs act, 1893, the regulations and forms of the Board of agriculture, and notes on the act by Alexr. J. David. 2nd ed., rev. C. Lockwood: London, 1897. pp. viii, 122, 8vo.
 Some points in artificial manuring: a lecture delivered at Lincoln. in **Permanent Nitrate Committee**. How to use nitrate: . . . To which is prefixed, Some points in artificial manuring, by Bernard Dyer. [1891] and 4th ed. [c. 1900]. 1328-9
- 544 Use and mis-use of nitrate of soda. Reprinted from 'Mark Lane express', 7th January, 1895. [n.p., c. 1895]. pp. 3, 8vo.
 see **Essex Agricultural Society**. Report on field experiments, 1887(88). By B. Dyer and E. Rosling. 1888(-89). 572-3
 see **Essex Agricultural Society**. Report on mangold experiments, 1886. By B. Dyer. 1887. 574
- Dyer, sir William Turner Thiselton, jt. ed.**
 see **Johnson, Samuel William**. How crops grow. Rev. and adapted by A. H. Church and W. T. Thiselton Dyer. 1869. 891
- Dyke, William**
 545 The science and practice of manuring. With introduction by J. Wright. Rev. and enlarged ed. Lockwood Press (H. H. Mason): London, [1918]. pp. iii-xviii, 157, xxi-xxxiv, 8vo.
 The sequences of pagination in romans consist largely of advertisements.
- Dymock, Cressy**
 An invention of engines of motion. in **Dircks, Henry**. A biographical memoir of Samuel Hartlib, [etc.]. [1888]. 489
- Dymond, Thomas Southall**
 546 An experimental course of chemistry for agricultural students. (*Arnold's Practical Science Manuals: gen. ed. R. Meldola*). E. Arnold: London, [1898]. pp. 192, illus., 8vo.
- East Suffolk—County Council—Education Committee**
 Report on experiments carried out at Bramford and Saxmundham. By T. H. Middleton. 1904. see **Cambridge—University—Department of Agriculture**. 306
- Edinburgh—Incorporated Edinburgh School of Agricultural Science**
 547 Prospectus and syllabus. Session 1894-95. Darien Press: Edinburgh, [1894]. pp. 23, illus., 8vo.
 In **WALLACE, Robert**. Lectures and papers. 1903. 1849.

Edmondston, Arthur

- 548 A view of the ancient and present state of the Zetland islands; including their civil, political, and natural history; antiquities; and an account of their agriculture, fisheries, commerce, and the state of society and manners. John Ballantyne: Edinburgh; Longman: London, 1809. 2 vol., 8vo.

Edwards, Kinard Baghott, *afterwards* De La Bere

- 549 [Rural economy; profitable keeping of live stock by amateurs & cottagers. Houlston: London, 1878]. pagination various, illus., 8vo.

Nine tracts, all of which were also published separately, bound up in publisher's case with contents-page but without general title-page. The title as given above is taken from the spine and outside front cover.

- 550 A treatise on manure as food for plants, and fertilization of the soil: hints on . . . muck and manure heaps, composts, [and] potato culture, [etc.]. [The author: Hinckley, 1874]. pp. 23, 8vo.

Edwards, Matilda Barbara Betham-, *ed.*

see Young, Arthur, 1741-1820. The autobiography of Arthur Young. 1898. 1970

Egremont, John

- 551 Observations on the mildew, suggested by the queries of Arthur Young. J. Hatchard: London, 1806. pp. iv, 36, 8vo.

With ms. inscription: To Mr T. Payne with the author's Compts.

Elkington, Joseph

see Anderson, James. A practical treatise on draining bogs. With remarks upon mr. Elkington's mode of draining. 1797. 52

see Johnstone, John. An account of the most approved mode of draining land; according to the system practised by mr. Joseph Elkington. 1797 [etc.]. 907-8

Elliot, Thomas John

- 552 The land question: its examination and solution, from an agricultural point of view, as illustrated by twenty-three years' experience on the Wilton house home farm, near Salisbury, Wilts, by lord Herbert and lady Herbert of Lea. Analyzed by T. J. Elliot. Cassell: London, [etc.], [1884]. pp. 132, frontis., 8vo.

Ellis, Daniel

- 553 An inquiry into the changes induced on atmospheric air, by the germination of seeds, the vegetation of plants, and the respiration of animals. W. Creech: Edinburgh; J. Murray: London, 1807. pp. [iii]–xiii, [ii], 246, 8vo.

followed by his

- 554 Farther inquiries into the changes, induced on atmospheric air, by the germination of seeds, [etc.]. W. Blackwood: Edinburgh; J. Murray: London, 1811. pp. [iii]–ix, 375, 8vo.

Ellis, William

- 555 Agriculture improv'd: or, The practice of husbandry display'd. Chiefly shewn by facts perform'd in all sorts of land in the month of July, according to the old plain, and the new drill, way of farming, [etc.]. T. Osborne; M. Cooper: London, 1745. pp. [ii], 136, [6], 8vo.

followed by his

- 556 Agriculture improved. For the month of August. [n.p., n.d.]. pp. 129, [4], 8vo.

No title-page: drop-title on p. 1.

- 557 Chiltern and vale farming explained, according to the latest improvements. By the author of the Practical farmer; or the Hertfordshire husbandman [i.e. W. Ellis], [etc.]. T. Osborne: London, 1745. pp. [viii], 400, 8vo.

For another ed., see 563.

- 558 A compleat system of experienced improvements, made on sheep, grass-lambs, and house-lambs: or, The country gentleman's, the grasier's, the sheep-dealer's, and the shepherd's sure guide, [etc.]. In three books. T. Astley, [etc.]: London, 1749. pp. viii, [xxiv], 384, 8vo.

- 559 The country housewife's family companion: or, Profitable directions for whatever relates to the management and good oeconomy of the domestick concerns of a country life, [etc.]. J. Hodges: London; B. Collins: Salisbury, 1750. pp. [ii], x, 379, [20], frontis., 8vo.

- 560 Ellis's Husbandry, abridged and methodized: comprehending the most useful articles of practical agriculture. W. Nicoll; G. Robinson: London, 1772. 2 vol., 8vo.

- 561 The modern husbandman, or, The practice of farming. T. Osborne; M. Cooper: London, 1744. 4 vol., 8vo.

Each volume contains three sections, one for each month of the year: these are separately pagged, and may originally have been issued separately, but have no individual title-pages.

Ellis, William

- 562 The practical farmer: or, The Hertfordshire husbandman: containing many new improvements in husbandry, [etc.]. 5rd ed. T. Astley; S. Austen: London, 1738. pp. iv, 5-171, 8vo.
- 563 The practice of farming and husbandry in all sorts of soils, according to the latest improvements, very useful for all landlords and tenants, of ploughed, grass, or wood lands, [etc.]. R. Gunne: Dublin, 1735. pp. [x], 2, [ii], 3-317, 8vo.
- This is an edition of his *Chiltern and vale farming explained*, 557.
see Trowell, Samuel: The farmer's instructor. First begun by S. Trowell and completed by W. Ellis. 2nd ed. 1750. 1773

Ellman, John

see Baxter, John, *publisher*. Baxter's Library of practical agriculture. With memoirs of the duke of Richmond and the late John Ellman [by F. P. Walesby]. 2 vol. 1846. 130

Elstobb, William

- 564 An historical account of the great level of the fens, called Bedford level, and other fens, marshes, and low-lands in this kingdom, and other places, [etc.]. W. Whittingham: Lynn; S. Crowder: London, 1793. pp. viii, [xii], 276, plt. (mp.), 8vo.

Encyclopaedia Britannica

- 565 Agriculture: [being the article from the Supplement to the Encyclopaedia Britannica. n.p., 1815]. pp. 113-206, plts., 4to.
- Plates dated 1815.
- The principles and practice of agriculture, systematically explained: being a treatise compiled for the fourth edition of the Encyclopaedia Britannica, by R. Forsyth. 2 vol. 1804.
- see Forsyth, Robert. 630
- System of agriculture. From the Encyclopaedia Britannica, 7th ed. 1851. see Cleghorn, James. 355

- 566 Englands improvement, and seasonable advice to all gentlemen and farmers, how to prepare the ground fit for sowing hemp and flax-seed; the nature of it, . . . how to sow it, . . . pull it, and preserve the seed when ripe, [etc.]. London, printed in the year 1691. pp. [ii], 16, 8vo. (sm. 4to.)

Not in Wing, but in B.M. under England [*Appendix*] *Agriculture*.

English Agricultural Society, afterwards Royal Agricultural Society of England. see Royal Agricultural Society of England. 1499-1505

English Agriculture

An impartial view of English agriculture. 2nd ed. 1766. see Impartial view . . . 858

English Dialect Society. Publications

30. Britten, J. Old country and farming words. 1880. 228
37. Fitzherbert, *sir* A. The book of husbandry. 1882. 612

English Guernsey Cattle Society

- 567 The English Guernsey cattle society's herd book. Compiled and edited by Robert F. Ling under the supervision of the Editing committee, [etc.]. vol. 39-44. The Society: [London], 1923-28. 6 vol., 8vo.

English Jersey Cattle Society

- 568 Jersey cattle: their feeding and management. Compiled from information received from members of the English Jersey cattle society, and published for the society, November, 1898. Vinton: London, [1898]. pp. [ii], 57, plt., 8vo.
- 569 An Enquiry into the nature and qualities of English wools, and the variations of breed in sheep: with some short remarks on the dean of Gloucester's pamphlet on coarse wools; and proposals for relieving the wool-growers, by a mode which will not prejudice the manufacturers. By a gentleman farmer. T. Evans: London, 1782. pp. 52, 8vo.

Ensilage Society

The practical guide for making ensilage in stacks & silos. *see* Jackson, Henry Kains-, *ed.* 862

The Epitomie of the art of husbandry. By J. B., gent. [i.e. Joseph Blagrave]. 1685. *see* Blagrave, Joseph. 173

Ernle, Rowland Edmund Prothero, 1st baron. *see* Prothero. 1395-6

Erskine, John Francis

- 570 General view of the agriculture of the county of Clackmannan; and some of the adjacent parishes, situated in the counties of Perth and Stirling. Drawn up for . . . the Board of agriculture [etc.]. H. Inglis: Edinburgh, 1795.
pp. 97, 36, [8], mp. frontis., pls., 8vo. (sm. 4to.)
The 8 unnumbered pages at the end contain a letter to *sir* John Sinclair.

Erskine, Thomas, 1st baron Erskine

- 571 A letter to the proprietors and occupiers of land, on the causes of, and the remedies for, the declension of agricultural prosperity. J. Murray: London, 1823. pp. 47, 8vo.

An Essay on draining: more particularly with regard to the north division of the great level of the fenns, call'd Bedford level. [Attributed to S. Trafford]. 1729. *see* Trafford, Sigismund, *born Boehm.* 1762

An Essay on ways and means for inclosing, fallowing, planting, &c. Scotland. By a lover of his country [i.e. W. Mackintosh]. 1729. *see* Mackintosh, William. 1103

Essays

Foreign essays on agriculture and arts. 1766. *see* Foreign essays . . . 627

Select essays on husbandry. Extracted from the Museum rusticum [etc.]. 1767. *see* Select essays . . . 1541

Essays and observations on the following subjects. Viz. On trade, [etc.]. 1740. *see* Dublin Society. 526

Essays on husbandry. [By W. Harte]. 2nd ed. 1770. *see* Harte, Walter. 758

Essays relating to agriculture and rural affairs. By a farmer [i.e. James Anderson]. 2 vol. 1775-77. *see* Anderson, James. 47-8

Essex Agricultural Society

572 Report on field experiments, 1887. By Bernard Dyer and Edward Rosling. Essex Standard Office: Colchester, 1888. pp. 16, 8vo.

573 Report on field experiments, 1888. By Bernard Dyer and Edward Rosling. Essex Standard Office: Colchester, 1889. pp. 14, [ii], 8vo.

574 Report on mangold experiments, 1886. By Bernard Dyer. Essex Standard Office: Colchester, 1887. pp. 14, 8vo.

Essex Farmer, *pseud.*

575 A letter on the construction and use of the improved foot plough. By an Essex farmer. C. Dilly: London, 1784. pp. 55, frontis., 8vo.

Estienne, Charles

576 Maison rustique, or The countrie ferme. Compiled in the French tongue by Charles Stevens and John Liebault. And translated into English by Richard Surfleet. Also a short collection of the hunting of the hart, [etc.]. E. Bollifant for B. Norton: London, 1600. pp. [xxxii], 901, [26], 8vo. (sm. 4to.)

S.T.C. 10547. With various ms. notes.

577 Evans and Ruffy's Farmer's journal and agricultural advertiser. vol. 4, no. 208 [*sic*, for 185], April 13, 1811-vol. 19, no. 1006, December 25, 1826. Evans & Ruffy: London, 1811-26. 16 vol., fol.

Evelyn, John

- 578 . . . A letter of John Evelyn to . . . the lord viscount Brouncker, . . . president to the R. Society, &c., concerning the Spanish *Sembrador* or new engin for ploughing, and equal sowing all sorts of grain, and harrowing, at once . . . English't out of Spanish, and lately presented to the R. Society. [n.p., c. 1780]. pp. 8, plt., 4to.

At head of p. [1]: *Numb. 60. Philosophical Transactions. June 20, 1670. See Supplementary Notes, p. 290.*

Silva revised, corrected and abridged; by a professional planter . . . J. Mitchell. 1827. *see* Mitchell, James. *Dendrologia*. 1212

- 579 Terra: a philosophical discourse of earth. Relating to the culture and improvement of it for vegetation, and the propagation of plants, as it was presented to the Royal society. A new ed. With notes by A. Hunter. A. Ward, [etc.]: York, [etc.], 1778. pp. vi [i.e. viii], 194, plt., 8vo.

a2^v numbered viii, a5^v iv, and a4^v vi.

Everitt, Nicholas, *ed.*

see Everitt, William Spencer. Practical notes on grasses & grass growing in East Anglia. 1897. 580

Everitt, William Spencer

- 580 Practical notes on grasses & grass growing in East Anglia. Edited by Nicholas Everitt. Jarrold: London, 1897. pp. 154, 8vo.

Evershed, Henry

- 581 Cow-keeping by farm labourers. W. Clowes: London, 1880. pp. 35, illus., 8vo.

From the *Journal of the Royal agricultural society of England*, 2nd ser. vol. 15, 1879.

Eversley, Charles Shaw Lefevre, 1st viscount. *see* Lefevre. 1000

Ewart, John

- 582 The agriculturist's assistant: a note-book of principles, rules and tables, adapted to the use of all engaged in agriculture or the management of landed property. Blackie: Glasgow, [etc.], 1857. pp. xii, 242, pls., illus., sm. 8vo.
- 583 The land drainer's calculator: being a manual of rules for calculations incidental to . . . land draining, [etc.]. H. Allnutt, [etc.]: London, [etc.], 1862. pp. viii, 34, [2], sm. 8vo.

Experienced Farmer

The farmer's kalendar, by an experienced farmer [i.e. A. Young]. 1771. *see* Young, Arthur, 1741–1820. 1974

A treatise on practical husbandry. By an experienced farmer. 1792. *see* Treatise . . . 1763

Facts and experiments on the use of sugar in feeding cattle. [By B. Orson]. 1809. *see* Orson, B. 1296

Fairbairn, John

- 584 A treatise upon breeding, rearing and feeding Cheviot and black-faced sheep in high districts. With some account of . . . the rot. Together with observations upon laying out and conducting a store farm. By a Lammermuir farmer [i.e. John Fairbairn]. W. Lochhead: Berwick-upon-Tweed, 1823. pp. xli, [ii], 196, 8vo.

Falk, Robert

- 585 The use of salt in agriculture: prize essays published by the Salt chamber of commerce of Northwich. First prize awarded to Robert Falk, second prize awarded to T. H. [sic, for T. L.] Phipson. G. J. Poore: Liverpool; Simpkin & Marshall: London, 1863. pp. 56, 8vo.

Contains the essays by Falk and Phipson.

Falkner, Frederick

- 586 The muck manual: for the use of farmers. A practical treatise on the chemical properties, management, and application of manures. new ed., with a glossary of chemical terms, and an index. J. Murray: London, 1846. pp. xii, 306, 8vo.

Family-Piece

The complete family-piece: and country gentleman and farmer's best guide. 4th ed. 1739. *see* Complete family-piece . . . 378

Farey, John

- 587 General view of the agriculture and minerals of Derbyshire . . . Drawn up for . . . the Board of agriculture [etc.]. G. & W. Nicol, [etc.]: London, [etc.], 1811-17. 3 vol., 8vo.
Vol. 1 is concerned with minerals, vol. 2 and 3 with the agricultural survey. In the latter volumes 'and minerals' is omitted from the title.

Farish, John

- 588 Treatise on fiorin grass; with a short description of its nature and properties, . . . culture, and . . . advantages [etc.]. G. Johnstone, [etc.]: Dumfries, [etc.], 1810. pp. [ii], 46, 8vo.
- 589 The Farm and the garden: an account of every vegetable production cultivated for the table, by the plough and the spade. T. M. Cradock: London, 1841. pp. iv, 60, 8vo.
- 590 The Farm bailiff. (*Industrial Library*). Houlston & Stoneman: London, [c. 1850]. pp. 125, sm. 8vo.

Farm life; or, Sketches for the country. [By Peter Dryland.] 1861. *see* Dryland, Peter, *pseud.*? 525

- 591 **Farm management**, founded upon the principle of the horse-hoeing husbandry. R. G. Clarke: London, 1812.
pp. xvi, 34, [2], 8vo.

With autograph letter apparently from the author inserted: dated from Downing Street, 29th Dec., addressed to one Fagel, and signed with initial(s) which could be H., I.S., or J.S.

Farmer

The complete farmer: or, A general dictionary of husbandry. 1766. and 2nd ed. 1769. *see* **Complete farmer** . . . 379-80

Essays relating to agriculture and rural affairs. By a farmer [i.e. James Anderson]. 2 vol. 1775-77. *see* **Anderson, James**. 47-8

Letters by a farmer: originally published in the Belfast Evening post. 1787. *see* **Letters** . . . 1010

The modern farmer's guide. By a real farmer. 2 vol. 1768. *see* **Modern** . . . 1215

The new farmer's calendar; or, Monthly remembrancer. By a farmer and breeder [i.e. John Lawrence]. 2nd ed. 1801. *see* **Lawrence, John**. 985

Rural recreations; or, Modern farmer's calendar. By a farmer. [Preface signed A.C.H.]. 1802. *see* **H., A. C.** 733

The **Farmer convinced**; or, The reviewers of the Monthly review anatomized. By Benjamin Bramble [*pseud.*, i.e. G. Winter]. 1788. *see* **Winter, George**. 1933

- 592 **The Farmers' almanac and calendar for 1847** . . . By Cuthbert W. Johnson and William Shaw. no. 1, vol. 3. J. Ridgway: London, [1846]. pp. 240, 8vo.

Pages 101-240 contain advertisements. The numbering is misleading: this is the 7th annual issue, and the first number of vol. 5.

The Farmers' Club, London

- 593 **The Farmers' club library**. A classified list of books. The Club: London, 1941. pp. 48, 8vo.

- 594 **The Farmer's compleat guide**, through all the articles of his profession, [etc.]. G. Kearsly: London, 1760. pp. vi, 418, 8vo.
Sometimes attributed to John Ball.

- 595 **The Farmer's friend**: a record of recent discoveries, improvements, and practical suggestions in agriculture. Smith, Elder: London, 1847. pp. xii, 340, 8vo.

Intended as a half-yearly publication (Preface, p. [v]): but no more published.

The Farmer's guide, compiled for the use of the small farmers and cotter tenantry of Ireland. [By sir G. Nicholls]. 2nd ed. 1842. *see* **Nicholls, sir George**. 1274

The Farmer's guide to agricultural research in 1931. *see* Royal Agricultural Society of England. 1499

Farmers' journal, *editor of*

A practical essay on the treatment of ewes in the lambing season. By the editor of the Farmers' journal. 1819. *see* Practical essay . . . 1372

Farmer's journal and agricultural advertiser. *see* Evans and Ruffy's Farmer's journal and agricultural advertiser. 577

The Farmer's kalendar or, A monthly directory for all sorts of country business. By an experienced farmer [i.e. A. Young]. 1771, [etc.]. *see* Young, Arthur, 1741-1820. 1974

The Farmer's letters to the people of England. [By A. Young]. 2nd ed. 1768, [etc.]. *see* Young, Arthur, 1741-1820. 1977-8

- 596 The Farmer's library. Animal economy. C. Knight: London, [1847-48]. 2 vol., la. 8vo.

- 597 The Farmer's magazine: a periodical work, exclusively devoted to agriculture, and rural affairs: 1800-1810. vol. 1-11. A. Constable, [etc.]: Edinburgh, [etc.], 1802-10. 11 vol., 8vo.
Vol. 1 is of the 4th ed. (1802), vol. 2 of the 5th (1806), vol. 3 of the 3rd (1807).

- 598 The Farmer's magazine. vol. 1. June 1832 to March 1833. [W. Jenkinson]: London, [1833]. pp. [iv], 320, 4to.

- 599 The Farmer's magazine, and useful family companion. Consisting of practical essays, dissertations, and remarks, on the different branches of husbandry, [etc.]. By Agricola Sylvan. vol. 1-5. C. Dilly: London; R. Cruttwell: Bath, 1776-80. 5 vol., 8vo.

Farmer's magazine, *editors of*

A general dictionary of husbandry, planting, [etc.]. 2 vol. 1779. *see* General dictionary . . . 671

Farmer's own book

Beeton's Farmer's own book, comprising instructions on the management of horses, cows, sheep. [c. 1895]. *see* Beeton, Samuel Orchard. 142

The Farmer's tour through the east of England. By the author of The farmer's letters [i.e. A. Young]. 4 vol. 1771. *see* Young, Arthur, 1741-1820. 1979

Farming

Practical farming: in a series of treatises. 2 vol. [1868]. *see* Practical farming . . . 1373

Farming: or, Tenants versus landlords, protection versus free trade, and common sense versus nonsense. By Jeremiah Mangoldwurzel. 1879. *see* Mangoldwurzel, Jeremiah, *pseud.* 1124

Farming for ladies: or, A guide to the poultry-yard, the dairy and piggery. By the author of British husbandry [i.e. J. F. Burke]. 1844. *see* Burke, John French. 269

Farming Society of Ireland

A report of the agriculture and live stock of the county of Wicklow, prepared under the directions of the Farming society of Ireland. By T. Radcliff. 1812. *see* Radcliff, Thomas. 1409

A report on the agriculture of eastern and western Flanders; drawn up at the desire of the Farming society of Ireland. By T. Radcliff. 1819. *see* Radcliff, Thomas. 1410

A Farming tour, or Hand book on the farming of Lincolnshire. By a Lindsey yeoman. 1854. *see* Lindsey Yeoman, *pseud.* 1020

Farrier

The practical farrier: or, Full instructions for country gentlemen, [etc.]. 4th ed. 1737. *see* Practical farrier . . . 1374

Fenton, E. Wyllie, *jt. author*

see Long, Harold Cecil and Fenton, E. Wyllie. The story of the bracken fern. [1938]. 1040

Fenwick, John Ralph

- 600 Two essays. I. Reflections on calcareous manures. II. Some reflections on the importance of elastic fluids in vegetation, and on the preservation and application of fold-yard manure. Read to the Literary and philosophical society of Newcastle; and printed at their request. [n.p.], 1798. pp. 26, 8vo.

Ferguson, William Dwyer and Vance, Andrew

- 601 The tenure and improvement of land in Ireland, considered with reference to the relation of landlord and tenant, and tenant-right. (Printed for private circulation.) E. J. Milliken: Dublin, 1851. pp. xxi, 450, 8vo.

Feron, John

- 602 A new system of farriery; including a systematic arrangement of the external structure of the horse . . . To which are added, the improved mode of treatment, and prescriptions recommended by the veterinary college, [etc.]. J. Johnson: London, 1803, pp. xv, 60, 53*-60*, 61-272, [2], frontis., pls., 4to.

A Few hints to landowners and cultivators. Horn or corn: which pays best. By a Cumberland landowner. 1873. *see* Cumberland Landowner, *pseud.* 431

A Few practical directions concerning sanatory [*sic*] arrangements for cities and towns. [Signed Omicron.] 1846. *see* Omicron, *pseud.* 1288

Field, farm and garden. [c. 1895]. *see* Beeton, Samuel Orchard.
Beeton's Field, farm and garden. [c. 1895]. 143

Fielding, A. E. Bruce

- 603 Farm management: a handbook for farm pupils. Vinton: London, [c. 1914]. pp. vii, 108, 8vo.

Fife Scot, *pseud.*, i.e. David Curror. *see* Curror, David. 432

Finch, George, 9th earl of Winchelsea and 5th earl of Nottingham

- 604 Letter . . . to the President of the Board of agriculture, on the advantage of cottagers renting land. Drawn up for the consideration of the Board of agriculture [etc.]. G. Nicol, [etc.]: London, [etc.]. 1796. pp. 19, 8vo. (sm. 4to.)

Findlater, Charles

- 605 General view of the agriculture of the county of Peebles, with various suggestions as to the means both of the local and general improvement of agriculture. A. Constable: Edinburgh; G. & W. Nicol: London, 1802.
pp. xx, 415, mp. frontis., plt., 8vo.
- 606 ——. [Another issue]. Sherwood, Neely, & Jones: London; Constable: Edinburgh, 1814.

Finlayson, John

- 607 Treatise on agricultural subjects. Lang, [etc.]: Glasgow, [etc.], 1822. pp. xi, 223, 8vo.
- 608 The British farmer; or, A series of scientific and practical essays on agriculture; to which is added, The ploughman's guide. Smith, Elder, [etc.]: London, [etc.], 1825.
pp. xvi, 204, plts., 8vo.
- A later ed. of 607, with a new title.

Finlayson, P.

- 609 The observing farmer's travels through Scotland, with his remarks on the country, and observations on the improvement of agriculture. Likewise suggestions for the improvement of farm stocking, and effectual cures for the diseases of cattle, sheep, and horses. The author: Edinburgh, 1854.
pp. iv, [3]-321, 8vo.

Fisher, John

- 610 The breeding and management of pigs, [etc.]. J. Winterbottom: Skipton, 1865. pp. 16, 8vo.

- Fitt, James Nevill. '*A Hampshire Farmer*', *pseud.*
- 611 Hearths and homesteads: a series of papers on subjects connected with agriculture. By a Hampshire farmer [probably J. N. Fitt]. J. Humphreys: London, [1867]. pp. 93, 8vo.
- Fitzherbert, *sir* Anthony
The boke of husbandry, *and* Surveyinge. *in* Vansittart, Robert, *ed.* Certain ancient tracts concerning the management of landed property reprinted. 1767. 1811
- 612 The book of husbandry. Reprinted from the edition of 1534, and ed. . . . by W. W. Skeat. (*English Dialect Society*, 37). Trübner: London, 1882. pp. xxx, [ii], 167, 8vo.
- Fitzwygram, *sir* Frederick Wellington John, 4th *bart.*
- 613 Horses and stables. 2nd ed. Longmans: London, 1881. pp. viii, 710, plts., 8vo.
- Fleetwood, William, *bp.*
- 614 Chronicon preciosum: or, An account of English gold and silver money; the price of corn and other commodities; and of stipends, salaries, wages, jointures, portions, day-labour, &c. in England, for six hundred years last past, [etc.]. T. Osborne: London, 1745. pp. [x], 147, [2], 30, plts., 8vo.
Curiosities of nature and art in husbandry or gardening. [By P. Le Lorrain de Vallemont. Sometimes attributed to Fleetwood]. 1707. *see* Le Lorrain de Vallemont, Pierre. 1002
- Fleming, George
- 615 The practical horse keeper. L. U. Gill: London; Scribner's: New York, [c. 1900]. pp. xii, 264, frontis., plts., illus., 8vo.
see Chauveau, Jean Baptiste Auguste. The comparative anatomy of the domesticated animals. Trsl. and ed. by G. Fleming. 2nd ed. 1873. 327
- Fleming, W. M.
- 616 Hints respecting the use of guano, bone dust, gypsum, common salt, and sulphate of soda and magnesia, as manures. Murray & Stewart: Paisley, 1846. pp. 16, 8vo.
- Fletcher, George
- 617 The principles of agriculture: . . . the scientific principles underlying agricultural practice, [etc.]. Central Education Co.: Derby, [1892]. pp. vii, 102, 8vo.
- Fletcher, Thomas C.
- 618 Scientific farming made easy: or, The science of agriculture reduced to practice. 2nd ed., rev., corrected, and enlarged. (*Books for the Country*, 34). Routledge: London [and] New York, 1861. pp. x, [ii], 193, [2], 8vo.
The cover bears the date 1867.

Flint, Charles Louis

- 619 Milch cows and dairy farming; comprising the breeds, breeding, and management, in health and disease, of dairy and other stock; the selection of milch cows . . . the culture of forage plants, and the production of milk, butter, and cheese, [etc.]. A. O. Moore, [etc.]: New York, [etc.], 1858.
pp. viii, [9]-416, frontis., illus., 8vo.

- 620 *The Flockmaster's companion, and shepherd's guide: containing the particulars and description of the different breeds of sheep, [etc.].* By a practical shepherd. 3rd ed., corrected and enlarged. J. Warren: Royston; Whittaker, [etc.]: London, 1846.
pp. vii, [13]-87, 8vo.

Flower, sir William Henry

- 621 *The horse: a study in natural history. (Modern Science: gen. ed. sir J. Lubbock).* K. Paul: London, 1891.
pp. xvi, 196, frontis., illus., 8vo.

Food for the million. Maize against potato. [etc.] By Amicus Curiae. 1847. *see* *Amicus Curiae, pseud.* 41

Foot, Peter

- 622 *General view of the agriculture of the county of Middlesex . . . Drawn up for . . . the Board of agriculture [etc.].* J. Nichols: London, 1794. pp. 92, plt. (mp.), illus., 8vo. (sm. 4to.)
Lacking half-title.

Forbes, Francis

- 623 *The extensive practice of the new husbandry, exemplified . . . in which the various methods of ploughing, hoeing, harrowing, and manureing . . . recommended by mr. Tull, sir Digby Legard . . . are considered and examined, [etc.].* 2nd ed. W. Tayler: London, 1786. pp. [ii], xvi, 285, 8vo.

- 624 *The improvement of waste lands . . . To which is added, a Dissertation on great and small farms; and the consequences of them to landowners, and the public.* N. Conant; W. Richardson & L. Urquhart: London, 1778. pp. xi, 210, 8vo.

Miscellaneous dissertations on rural subjects. [Sometimes attributed to Forbes]. 1775. *see* *Miscellaneous dissertations . . .* 1208

The modern improvements in agriculture. [Sometimes attributed to Forbes]. 1774. *see* *Modern improvements . . .* 1216

Fordyce, George

- 625 *Elements of agriculture and vegetation.* J. Johnson: London, 1771. pp. [iv], 100, 10, pls., 8vo.

A second ed. of his *Elements of agriculture.* [1765].

Fordyce, George, and others

- 626 Additional appendix to the outlines of the fifteenth chapter of the proposed general report from the Board of agriculture. On the subject of manures. W. Bulmer: London, 1796. pp. 7, 41, 20, 68, illus., 8vo. (sm. 4to.)

- 627 **Foreign** essays on agriculture and arts. Consisting chiefly of the most curious discoveries made in the several provinces of France, Germany, Flanders, Switzerland, &c. and communicated by the learned in those countries for the improvement of British husbandry. With observations by the translator. R. Davis, [etc.]: London, 1766. pp. viii, 392, 8vo.

Issued in 5 numbers, nos. 1-4 being of 80 pp. each. *See also* SELECT ESSAYS on husbandry. Extracted from the Museum rusticum, and Foreign essays on agriculture. 1767. 1541.

Forsyth, J. S.

- 628 The farmer, maltster, distiller, & brewer's practical memorandum book . . . To which is added, an abstract of the new Beer act, [etc.]. D. Cox, [etc.]: London, [c. 1824]. pp. xi, 152, sm. 8vo.

Contains the text (abridged) of the Beer Act, 4 Geo. IV, cap. 51 (1823).

Forsyth, Robert

- 629 The beauties of Scotland: containing a clear and full account of the agriculture, commerce, mines, and manufactures; of the population, cities, towns, villages, &c. of each county. T. Bonar; J. Brown: Edinburgh; Vernor & Hood, [etc.]: London, 1805-8. 5 vol., 8vo.

Imprint varies.

- 630 The principles and practice of agriculture, systematically explained: being a treatise compiled for the fourth edition of the Encyclopaedia Britannica, and rev. and enlarged by R. Forsyth. A. Bell for A. Constable: Edinburgh; Vernor & Hood: London, 1804. 2 vol., 8vo.

Forsyth, William

- 631 Observations on the diseases, defects, and injuries in all kinds of fruit and forest trees. With an account of a particular method of cure invented and practised by William Forsyth. G. Nicol: London, 1791. pp. [ii], 71, 8vo.

Fox, Arthur Wilson

Report on the county of Suffolk. 1895. *see* Royal Commission on Agriculture, England. 1506

Fox, John

- 632 General view of the agriculture of the county of Glamorgan . . . Drawn up for . . . the Board of agriculture [etc.]. B. McMillan: London, 1796. pp. [6], iii, [7]-71, illus., 8vo. (sm. 4to.)
- 633 General view of the agriculture of the county of Monmouth . . . Drawn up for . . . the Board of agriculture [etc.]. P. Norbury: Brentford, 1794. pp. 43, illus., 8vo. (sm. 4to.)

Frankland, Percy Faraday

- 634 Agricultural chemical analysis. Founded upon Leitfaden für die agricultur-chemische Analyse, von F. Krockner. Macmillan: London, 1883. pp. x, 328, illus., 8vo.

Fraser, Robert

- 635 General view of the agriculture and mineralogy, present state and circumstances of the County Wicklow . . . drawn up for . . . the Dublin society, [etc.]. Graisberry & Campbell: Dublin, 1801. pp. [xii], 3, 284, [6], illus., 8vo.
- 636 General view of the county of Cornwall . . . Drawn up for . . . the Board of agriculture [etc.]. C. Macrae: London, 1794. pp. 70, 8vo. (sm. 4to.)
- 637 General view of the county of Devon . . . Drawn up for . . . the Board of agriculture [etc.]. C. Macrae: London, 1794. pp. 75, mp. frontis., illus., 8vo. (sm. 4to.)
- 638 Statistical survey of the county of Wexford, drawn up for . . . the Dublin society. Graisberry & Campbell: Dublin, 1807. pp. vi, 157, plt. (mp.), 8vo.

Fream, William

- 639 Elements of agriculture: a text-book prepared under the authority of the Royal agricultural society of England. 3rd ed. J. Murray: London, 1892. pp. viii, 450, illus., 8vo.
- 640 The Rothamsted experiments on the growth of wheat, barley, and the mixed herbage of grass land. H. Cox (The Field): London, 1888. pp. xi, 235, 8vo.
- 641 Soils and their properties. (*Bell's Agricultural Series*). G. Bell: London, 1890. pp. xi, 176, mp. frontis., illus., 8vo.
see Horne, Thomas Hartwell. The complete grazier. Originally written [or rather revised] by W. Youatt. 14th ed., entirely re-written, enlarged, [etc.] by W. Fream. 1900. 825

Freeholder, *pseud.*, i.e. Henry Boase. *see* Boase, Henry. 194

Free-Lance, *pseud.*, i.e. J. T. Denny. *see* Denny, J. T. 475

- Fremlin, R.**
- 642 The potato in farm and garden: with chapters on disease and special cultures. (*Country Series: gen. ed. W. Robinson*). Farm & Home Office; Gardening Illustrated Office: London, [c. 1910]. pp. [vi], 178, illus., sm. 8vo.
The title-page is a cancel.
- French, Joseph**
- 643 A statement and calculation of the various expenses incident to the entering upon a farm of 200 acres, of wet heavy land . . . To which is added, An estimate of the returns, at the expiration of the first year. Meggy & Chalk: Chelmsford, 1815. pp. 19, 8vo.
- Friend to Husbandry, pseud.**
- The land of Nineveh, a fragment. By a friend to husbandry [i.e. sir John Sinclair]. [c. 1795]. *see Sinclair, sir John, 1st bart.* 1595
- From hay-time to hopping.** By the author of *Our farm of four acres* [i.e. miss Coulton]. 1860. *see Coulton, miss.* 404
- Fry, George**
- 644 The theory & practice of sweet ensilage. Agricultural Press: London, [1885]. pp. [vi], 66, 8vo.
- Fullarton, William**
- 645 General view of the agriculture of the county of Ayr . . . Drawn up for . . . the Board of agriculture [etc.]. J. Paterson: Edinburgh, 1793. pp. 94, 8vo. (sm. 4to.)
- 646 A letter, addressed to lord Carrington, president of the Board of agriculture. J. Debrett: London, 1801. pp. [iv], 100, 8vo.
With autograph inscription by the author.
- Fuller, Francis**
- 647 The further development of the soil and the utilization of peat lands, [etc.]. Fletcher: Norwich, [1873]. pp. 26, 8vo.
- Fussell, George Edwin**
- 648 Animal husbandry in eighteenth century England. [n.p.], 1937. pp. 96-116, 189-214, la. 8vo.
From *Agricultural history*, vol. 11, nos. 2 and 3, 1937.
- 649 Chronological list of early agricultural works in the library of the Ministry of agriculture and fisheries. H.M.S.O.: London, 1930. pp. 43, 8vo.
With autograph inscription by the compiler.
- 650 ——. [Another copy].
With a copy of a letter from W. F. Perkins to G. E. Fussell inserted.

Fussell, George Edwin

- 651 Early farming journals. A. & C. Black, for the Economic History Society: London, [1932]. pp. 417-422, la. 8vo.
From the *Economic history review*, vol. 3, no. 3, 1932.
- 652 Farmers' calendars from Tusser to Arthur Young. Macmillan: London, 1933. pp. [521]-535, la. 8vo.
From *Economic history*, vol. 2, no. 8, 1933.
- 653 The size of English cattle in the eighteenth century. [n.p.], 1929. pp. 160-181, tables, 8vo.
From *Agricultural history*, vol. 3, no. 4, 1929.
- 654 Social and agrarian background of the pilgrim fathers. [n.p., 1935.] pp. 183-202, la. 8vo.
From *Agricultural history*, vol. 7, no. 4, October, 1935.
- 655 Soil classification in the 17th and 18th centuries. [n.p.], 1923. pp. [410]-419, 8vo.
Being *Pedology* (*Pochvovedenie*), 1923, no. 5 (or part thereof). Text in English, title also in Russian. The part comprises, in all, pp. 409-430 of the vol.: these include three further articles, all in Russian, one with an English summary.
- 656 Welsh farming in 1879. Hon. Soc. of Cymmrodorion: London, 1939. pp. [247]-255, 8vo.
From *Transactions of the Honourable society of Cymmrodorion*, 1938.

Fussell, George Edwin and Atwater, V. G. B.

- 657 Agriculture of rural England in the seventeenth century. [n.p., c. 1935.] pp. 15, 4to.
A duplicated copy of an article in *Economic geography*, vol. 9, pp. 379-394, 1933.

Fussell, George Edwin and Goodman, Constance

- 658 Crop husbandry in eighteenth century England. [n.p., c. 1942.] pp. 202-216, 41-63, la. 8vo.
From *Agricultural history*, vol. 15, no. 4, 1941, and vol. 16, no. 1, 1942.
- 659 Eighteenth century estimates of British sheep and wool production. [n.p., 1950.] pp. 151-151, illus., la. 8vo.
From *Agricultural history*, vol. 4, no. 4, October, 1950.

Fyfe, William Wallace

- 660 Agricultural science applied in practice, forming at once a text book and concise course of scientific and progressive instruction, [etc.]. Groombridge & Sons: London, 1859.
pp. [viii], iv, 154, frontis., illus., sm. 8vo.

G.M., see Markham, Gervase. 1129-36

- Galvayne, Sydney
- 661 Horse dentition: showing how to tell exactly the age of a horse up to thirty years. With tabulated forms of cattle and sheep dentition. T. Murray: Glasgow, [c. 1885].
pp. 26, [2], frontis., pls., 8vo.
- 662 The horse: its taming, training, and general management; with anecdotes, &c., relating to horses and horsemen. T. Murray: Glasgow, 1888. pp. 207, frontis., pls., 8vo.
- Gamgee, John
- 663 Dairy stock: its selection, diseases, and produce. With a description of the Brittany breed. T. C. Jack: Edinburgh; Hamilton, Adams: London, 1861.
pp. v [i.e. xi], 316, frontis., illus., 8vo.
- 664 Our domestic animals in health and disease. Maclachlan & Stewart: Edinburgh; Simpkin, Marshall: London, 1871.
2 vol., 8vo.
- Gant, Frederick James
- 665 Evil results of over-feeding cattle. A new inquiry, [etc.]. J. Churchill: London, 1858. pp. viii, [9]-39, pls., illus., 8vo.
- The Gardener's and farmer's reason why. By the author of The reason why [etc., i.e. R. K. Philp]. 1860. *see* Philp, Robert Kemp. 1339
- Gardner, John, *ed. and trsl.*
see Liebig, Justus, *freiherr von*. Familiar letters on chemistry. 3rd ed. 1845. 1014
see Petzholdt, Georg Paul Alexander. Lectures to farmers on agricultural chemistry. 1844. 1335
- Garnett, Thomas
- 666 Essays in natural history and agriculture. Chiswick Press: London, 1883. pp. vi, [ii], 241, 8vo.
- Garnier, Russell Montague
- 667 Annals of the British peasantry. S. Sonnenschein: London; Macmillan: New York, 1895. pp. xvi, 460, 8vo.
- 668 History of the English landed interest: its customs, laws and agriculture. S. Sonnenschein: London; Macmillan: New York, 1892-93. 2 vol., 8vo.
- Garratt, R. D.
- 669 Practical pig-keeping: a manual for amateurs, [etc.]. 2nd ed., rev. and enlarged. L. U. Gill: London, [1897]. pp. viii, 96, 8vo.
- Gascoyne-Cecil, James Brownlow William, 2nd *marquis of Salisbury*. *see* Cecil

- Geissau, Anton Ferdinand von**
 670 Essay on the construction and use of a mine-auger. To which are added, the description of an earth-borer . . . and an improvement on the well-borer of Mersennus. Trsl. from the German . . . by W. J. M'Neven. W. Richardson: London, 1788. pp. xi, 44, pls., 8vo.
- A General dictionary of husbandry, planting, gardening, and the vegetable part of the materia medica; with the description, use, and medicinal virtues of the several herbs, flowers, roots, &c.**
 671 Selected from the best authorities, by the editors of the Farmer's magazine. R. Cruttwell: Bath; W. Goldsmith: London, 1779. 2 vol., 8vo.
 Various attributed to John Miller (originally Mueller) and to Richard Cruttwell.
- Gentleman Farmer, *pseud.***
 An enquiry into the nature and qualities of English wools. By a gentleman farmer. 1782. *see* Enquiry . . . 569
- George, George**
 672 Potatoes, the poor man's own crop . . . with hints to improve the land and life of the poor man. Published to aid the Industrial Marlborough exhibition. F. A. Blake: Salisbury, [1861]. pp. 14, pls., 8vo.
- Georgic Society**
 673 Rules and regulations of the Georgic society, for the promotion of agriculture and husbandry. A. Neil: Sommers Town, [1793]. pp. [iv], 12, 8vo.
- Gibb, Johnny**
For works by the author of Johnny Gibb of Gushetneuk, see Alexander, William. 34-5
- Gibbs, Antony, and sons**
 674 Guano: its analysis and effects; illustrated by the latest experiments. W. Clowes: London, 1845. pp. 56, 8vo.
- Gibbs, Antony, and sons, and Myers, William Joseph, and co.**
 675 Peruvian and Bolivian guano: its nature, properties, and results. [Issued by A. Gibbs & sons, London, and W. J. Myers & co., Liverpool]. J. Ridgway: London, 1844. pp. 95, 8vo.
- Gibson, J.**
 676 Agriculture in Wales. Hodder & Stoughton: London, 1879. pp. viii, 142, [12], 8vo.
- Gibson, William**
 677 The farrier's dispensatory, [etc.]. 3rd ed., corrected. J. Osborn & T. Longman: London, 1729. pp. [xii], 306, [18], 8vo.

Gibson, William

- 678 The farriers new guide, [etc.]. 2nd ed., corrected. W. Taylor: London, 1721. pp. xii, viii, 125, 303, frontis., plts., 8vo.
- 679 The true method of dieting horses. Containing many curious and useful observations concerning their marks, colour and external shape; their temper and instinct; and how they are to be governed, so as to prevent accidents and diseases, [etc.]. 3rd ed., corrected. J. Osborn & T. Longman: London, 1731. pp. [ii], iv, iv, [iv], 236, vi, 8vo.

Gilbert, *sir* Joseph Henry

- 680 Agricultural investigations at Rothamsted, England, during a period of fifty years. Six lectures delivered . . . under the auspices of the Association of American agricultural colleges and experiment stations, [etc.]. (*U.S. Department of Agriculture, Office of Experiment Stations Bulletin* 22). Government Printing Office: Washington, 1895. pp. 316, frontis., plts., illus., 8vo.
- 681 Introduction to the study of the scientific principles of agriculture; being the inaugural lecture, delivered . . . at the University museum, Oxford. Frowde: London, 1884. pp. 47, 8vo.
- 682 Note on some conditions of the development and the activity of chlorophyll. Spottiswoode: London, 1885. pp. 3, 8vo.
Abstract of a paper read at the British association, Aberdeen, 1885.
- 683 Observations on rainfall, percolation, and evaporation; with results obtained at Rothamsted, over twenty harvest years, 1870-1 to 1889-90 inclusive. W. Clowes: London, 1891. pp. 20, 8vo.
From the *Minutes of Proceedings of the Institution of civil engineers*, vol. 105, session 1890-91, pt. 5.
- 684 On agricultural investigation; being a lecture delivered . . . at Rutgers college, New Brunswick, N.J., [etc.]. W. Clowes: London, 1889. pp. 24, 8vo.
- 685 On some points in connection with animal nutrition. Being an address delivered at . . . the Science conferences . . . 1876. V. Brooks, Day: London, [1876]. pp. 12, 8vo.
- 686 On some points in connection with vegetation. Being an address delivered at . . . the Science conferences. V. Brooks, Day: London, [1876]. pp. 44, 8vo.
- 687 Results of experiments at Rothamsted, on the growth of barley, for more than thirty years in succession on the same land; being a lecture delivered . . . at the Royal agricultural college, Cirencester. Harmer: Cirencester, [1886]. pp. 29, 8vo.
From the *Agricultural students' gazette*, new ser. vol. 3, pt. 1, 1886.

Gilbert, *sir* Joseph Henry

- 688 Result of experiments at Rothamsted, on the growth of leguminous crops, for many years in succession on the same land; being . . . a lecture delivered . . . 1889, at the Royal agricultural college, Cirencester. [G. H. Harmer: Cirencester, c. 1890]. pp. [iv], 60, 8vo.

From the *Agricultural students' gazette*, new ser. vol. 5, pts. 5 & 6, 1889-90.

- 689 Results of experiments at Rothamsted on the growth of potatoes for twelve years in succession on the same land; being a lecture delivered . . . 1888, at the Royal agricultural college, Cirencester. [G. H. Harmer: Cirencester, c. 1888.] pp. [ii], 45, 8vo.

From the *Agricultural students' gazette*, new ser. vol. 4, pt. 2, 1888.

- 690 Results of experiments at Rothamsted, on the growth of root-crops for many years in succession on the same land; being a lecture delivered . . . 1887, at the Royal agricultural college, Cirencester. [G. H. Harmer: Cirencester, c. 1887.] pp. [ii], 50, 8vo.

From the *Agricultural students' gazette*, new ser. vol. 3, pt. 5, 1887.

- 691 Results of experiments at Rothamsted, on the question of the fixation of free nitrogen; being . . . a lecture delivered . . . 1890, at the Royal agricultural college, Cirencester. [n.p., c. 1891.] pp. [iv], 30, [2], 8vo.

From the *Agricultural students' gazette*, new ser. vol. 5, pts. 2 and 3, 1890-91.

see Lawes Agricultural Trust Committee. Sir Henry Gilbert's annual report to the Lawes agricultural trust committee. 1899. 980

For works written by *sir* J. H. Gilbert in collaboration with *sir* J. B. Lawes, see Lawes, *sir* John Bennet, 1st bart., and Gilbert, *sir* Joseph Henry. 962-79

Gilbert, M. A.

- 692 An important problem having been solved by the Labourers' friends society, is respectfully addressed to . . . the Queen, patroness. [By M. A. Gilbert.] J. Lee: London, 1839. pp. 15, illus., 8vo.

Gilbey, *sir* Walter, 1st bart.

- 693 The great horse, or the war horse: from the time of the Roman invasion till its development into the shire horse. 2nd ed. Vinton: London, 1899. pp. vi, [ii], 69, frontis., pls., 8vo.
- 694 Pig in health, and how to avoid swine fever. Vinton: London, [1907]. pp. [iv], 46, frontis., pls., illus., 8vo.

- Gillespie, Alexander
- 695 The new testament of agriculture. J. M. Carr: Newcastle-upon-Tyne, 1895. pp. 272, [viii], 58, [8], frontis., plts., 4to.
The pagination is very irregular. The last 8 (unnumbered) pages contain copies of letters dated between 1895 and 1897.
- Gisborne, Thomas, 1758-1846, *jt. author*
see Anderson, James *and* Gisborne, Thomas. Plans and descriptions of single-horse carts, communicated to Thomas B. Bayley. 1795. 56
- Gisborne, Thomas, 1794-1852
- 696 Essays on agriculture. Reprinted, by permission, from the Quarterly review, [etc.]. 2nd ed. J. Murray: London, 1854. pp. xiv, [ii], 255, illus., 8vo.
- 697 Gleanings from books, on agriculture [etc.]. Johnson; Bagster: London, 1801. pp. [4], 196, frontis., 8vo.
- Glenny, George
- 698 Farming for the million. 2nd ed. Eyre & Williams: London, 1854. pp. [vi], 88, illus., 8vo.
- Gooch, William
- 699 General view of the agriculture of the county of Cambridge; drawn up for . . . the Board of agriculture, [etc.]. R. Phillips: London, 1811. pp. xv, 305, plts. (incl. mps.), illus., 8vo.
- 700 ——. [Another issue.] Sherwood, Neely & Jones: London, 1815.
- Goodman, Constance, *jt. author*
see Fussell, George Edwin *and* Goodman, Constance. Crop husbandry in eighteenth century England. 1942. *and* Eighteenth century estimates of British sheep and wool production. 1930. 658-9
- Goold, J. R. P.
- 701 The chemistry of agriculture. Lecture delivered to the members of the Croydon farmers' club, [etc.]. H. M. Pollett: London, [1874]. pp. 30, 8vo.
- Gordon-Lennox, Charles Henry, *6th duke of Richmond, 1st duke of Gordon. see* Lennox. 1003
- Gouyer, Jacob, *called* Kliyogg
see Hirzel, Hans Kaspar. The rural Socrates, or, A description of the conduct of a country philosopher [i.e. Jacob Gouyer, called Kliyogg]. 1770.
- Graham, John Ryrie
- 702 A treatise on the Australian merino. Clarson, Massina: Melbourne, 1870. pp. 101, 8vo.

Graham, Patrick

- 703 General view of the agriculture of Stirlingshire . . . Drawn up for the Board of agriculture [etc.]. G. & W. Nicol, [etc.]: London, [etc.], 1812. pp. viii, 415, [2], mp. frontis., plt., 8vo.
- 704 A general view of the agriculture of the counties of Kinross and Clackmannan, drawn up for . . . the Board of agriculture. G. & W. Nicoll, [etc.]: London; A. Constable: Edinburgh, 1814. pp. [iv], 435, mp. frontis., plts. (incl. mp.), 8vo.
- The name Nicol(l) is spelt differently in the imprints of 703 and 704.

Graham, Peter Anderson

- 705 The revival of English agriculture. Jarrold: London, [1899]. pp. 276, [14], 8vo.
- 706 The rural exodus: the problem of the village and the town. (*Social Questions of To-day: gen. ed. H. de B. Gibbins*). Methuen: London, 1892. pp. vi, [ii], 216, 8vo.

Grainger, T. B., jt. author

see Kennedy, Lewis and Grainger, T. B. The present state of the tenancy of land in Great Britain. 1828. and The present state of the tenancy of land in the highland and grazing districts in Great Britain. 1829. 922-3

Granger, Joseph

- 707 General view of the agriculture of the county of Durham, particularly that part . . . from the Tyne to the Tees . . . with the preliminary observations of sir William Appleby. Drawn up for . . . the Board of agriculture [etc.]. C. Macrae: London, 1794. pp. 72, plts. (incl. mp.), 8vo. (sm. 4to.)

Gray, Andrew

- 708 Explanation of the engravings of the most important implements of husbandry used in Scotland. From drawings prepared for the Board of agriculture. A. Constable: Edinburgh; Longman: London, 1814. pp. [ii], 79, plts., 4to.
- 709 The plough-wright's assistant; or, A practical treatise on various implements employed in agriculture. A. Constable: Edinburgh; J. Murray; J. Harding: London, 1808. pp. iv, [ii], [v]-xi, [15]-220, plts., la. 8vo.

Gray, George Robert

- 710 Notices of insects that are known to form the bases of fungoid parasites. [By G. R. Gray]. Priv. print., 1858. pp. [ii], 22, plts., 4to.

Grazier

The complete grazier: or, Gentleman and farmer's directory. Written by a country gentleman. 2nd ed. 1767. *see* **Complete grazier** . . . 381

The complete grazier: or, Farmer's and cattle-dealer's assistant. 1805 [and subsequent editions, including those by W. Youatt]. *see* **Horne**, Thomas Hartwell. 823-5

Greaves, William

- 711 A treatise on natural and practical agriculture. 3rd ed. J. Slater: Sheffield, 1824, pp. x, 68, 8vo.

Green, sir John Little

- 712 The rural industries of England. With an introduction by Jesse Collings. E. Marlborough: London, [1898]. pp. 205, [4], illus., 8vo.

Green, Robert

- 713 An address to . . . all persons interested in agriculture, on the subject of under-draining wet & cold land, by a plough, invented by Robert Green. With the improvements made in five years' practice and attention, &c. J. Ridgway: London, 1852. pp. [iv], 49, frontis., illus., 8vo.

Green, Thomas

- 714 The universal herbal; or, Botanical, medical and agricultural dictionary. Containing an account of all the known plants in the world, arranged according to the Linnean system . . . With the best methods of propagation, and the most recent agricultural improvements, [etc.]. 2nd ed., rev. and improved. Caxton Press: London, [1824]. 2 vol., 4to.

With coloured engraved frontis. and title-page to each vol., that to vol. 1 being dated 1816, and that to vol. 2, 1823.

Greg, Robert Hyde

- 715 Scotch farming in England. A second letter addressed to the editor of the Manchester guardian. J. Ridgway: London, 1842. pp. 31, 8vo.
- 716 Scotch farming in the Lothians. A letter addressed to the editor of the Manchester guardian. 3rd ed. J. Ridgway: London, 1842. pp. 16, 8vo.

Greg, Thomas

- 717 A letter to sir John Sinclair, president of the Board of agriculture; containing a statement of the system, under which a considerable farm is profitably managed in Hertfordshire, [etc.]. W. Bulmer: London, 1809. pp. 22, pls., 4to.

Frequent ms. emendations and interpolations in text.

Greg, Thomas

- 718 A system for managing heavy and wet lands without summer fallows; under which a considerable farm in Hertfordshire is kept perfectly clean, and made productive. 3rd ed. With an appendix, pointing out how the infant turnip may be protected from insects by a critical application of lime, [etc.]. J. Ridgway: London, 1813. pp. 76, pls., 8vo.

Gregory, William, *ed. and trsl.*

see Liebig, Justus, *freiherr von*. Principles of agricultural chemistry. 1855. 1016

Greig, David

- 719 The past, present, and future of steam cultivation and its bearings on agriculture. Paper read before the Nottinghamshire chamber of agriculture, [etc.]. McCorquodale: Leeds, 1875. pp. 21, 8vo.

Gresswell, George

- 720 The diseases and disorders of the ox. With some account of the diseases of the sheep. With additions on human and comparative pathology, by Albert Gresswell. W. H. Allen: London, 1889. pp. xx, 755, pls., illus., 8vo.

Grey, Albert

- 721 Address to the labourers on East Learmouth farm, 30th October, 1891. Alnwick & County Gazette: Alnwick, [1891]. cover-title, pp. 9, la. 8vo.

Grieve, John

- 722 The farmer's assistant and agriculturist's calculator. new ed., rev. and enlarged. A. Hall, Virtue: London, 1853. pp. xii, 244, frontis., illus., sm. 8vo.

Griffiths, Arthur Bower

- 723 The diseases of crops and their remedies: a handbook of economic biology for farmers and students. (*Bell's Agricultural Series*). G. Bell: London, 1890. pp. vii, [ii], 174, illus., 8vo.
- 724 Manures and their uses: a handbook for farmers and students. (*Bell's Agricultural Series*). G. Bell: London, 1889. pp. [ii], xii, 159, mp. frontis., illus., 8vo.
- 725 A treatise on manures, or, The philosophy of manuring, [etc.]. (*The Specialists' Series*). Whittaker; G. Bell: London, 1889. pp. xv, 399, frontis., pls., illus., 8vo.

Griggs, *messrs.*

- 726 General view of the agriculture of the county of Essex . . . By messrs. Griggs. Drawn up for . . . the Board of agriculture [etc.]. C. Clarke: London, 1794. pp. 26, 8vo. (sm. 4to.)

- Grisenthwaite, William**
- 727 A new theory of agriculture, in which the nature of soils, crops and manures is explained; many prevailing prejudices are exploded, and the application of bones, gypsum, lime, chalk etc. is determined on scientific principles. H. Neville, [etc.]: Wells, [Norfolk, etc.], 1819. pp. ix [i.e. x], 159, sm. 8vo.
- Grosseteste, Robert, bp.**
Rules. in *Walter, of Henley*. Walter of Henley's Husbandry, together with an anonymous husbandry, Seneschaucie, and Robert Grosseteste's rules. 1890. 1857
- Guenon, François**
- 728 A treatise on milk cows: showing how to ascertain, by simple inspection of the animal, the quantity of milk daily given; the quality of the milk; and the time during which it is given after conception. [Translated from the French]. Longmans: London, 1847. pp. [iv], 107, pls., 8vo.
The title-page is a cancel or addition. The appearance of the text strongly suggests that it was printed in France, and it seems possible that this is an English re-issue of the English translation published by Balarac junior at Bordeaux in 1838. The translation is not that of Riall, published at Dublin in 1851, but there is no hint as to the identity of the translator.
- Guilhaud de Lavergne, Louis Gabriel Léonce.** *see* Lavergne, Léonce de. 953
- Gunn, W. F.**
- 729 Specimens of British grasses. [Dublin, 1884].
cover-title, 1 leaf, 50 sheets of mounted grasses, la. fol.
- Gyllenborg, Gustaf Adolf, count**
- 730 The natural and chemical elements of agriculture. Translated from the Latin by John Mills. J. Bell: London; C. Etherington: York, 1770. pp. xvi, 198, [2], 8vo.
The title-page is a cancel.
- 731 A natural and chymical treatise of agriculture, with practical remarks and additions, by W. Pilkinton. R. Sharp: Romsey, 1822. pp. xlvii, 210, 8vo.
This is a reprint of Mills' translation of 1770 (730) with alterations which amount to abbreviations and slight omissions rather than 'practical remarks and additions'. Even the dedication is plagiarised from Mills.
- 732 ———. 3rd ed. J. G. Rusher: Banbury, 1825.
pp. xlvii [i.e. xlviii], [49]–258, 8vo.
A verbatim reprint of 731.

H., A. C.

- 733 Rural recreations; or, Modern farmer's calendar; and monthly instructor: exhibiting . . . all the operations necessary on a farm, for every month of the year: as well as all the recent improvements in agriculture and rural economy. By a farmer. Vernor & Hood, [etc.]: London, 1802.
pp. vii, 64, 128, frontis., plts., 8vo.
Preface signed: A.C.H.

H., C. W.

see Hoskyns, Chandos Wren. 827-33

H.M.W.

see White, H. Master.

Hackel, Eduard

- 734 The true grasses. Translated from Die natürlichen Pflanzenfamilien by F. Lamson-Scribner and Effie A. Southworth. A. Constable: Westminster, 1896.
pp. viii, 228, frontis., illus., 8vo.

Hadden, James

- 735 Substance of a speech delivered by Mr. Hadden, jun., at the Court house, Aberdeen, on Friday, the 15th day of March, 1844. Printed for the Agricultural Protection Society: [London, 1844]. pp. 4, 8vo.
No title-page: drop-title on p. [1]. In AGRICULTURAL PROTECTION SOCIETY. Tracts issued up to 1844. 20.

Haggard, *sir* Henry Rider

- 736 A farmer's year, being his commonplace book for 1898. Longmans: London and New York, 1899.
pp. xx, 489, frontis., plts., 8vo.

Hale, Thomas

- 737 A compleat body of husbandry, containing rules for performing . . . the whole business of the farmer . . . Compiled from the original papers of the late Thomas Hale, [but reputed to be by John Hill], [etc.]. T. Osborne & J. Shipton, [etc.]: London, 1756. pp. [xii], ii, 3-719, frontis., plts., illus., fol.
- 738 A continuation of the Compleat body of husbandry . . . Compiled from the original papers of the late Thomas Hale [etc.]. T. Osborne, [etc.]: London, 1759. pp. [iv], 100, [6], fol.

Halifax, George Montagu, *afterwards* Montagu-Dunk, 2nd earl of. see Montagu

Hall, *sir* Alfred Daniel

- 739 Agriculture after the war. J. Murray: London, 1916.
pp. vi, [ii], 137, [2], illus., 8vo.

- Hall, Charles
- 740 A concise treatise on the most effectual method of destroying heath, and . . . of turning waste and marshy land into good pasture. Likewise a new method of improving moss, etc. Together with valuable receipts for destroying vermin, on bushes, hedges, trees etc. Oliver: Edinburgh, 1802. pp. xxiv, 228, [2], 8vo.
pp. vi, viii numbered iv, v.
- Hall, Charles James
- 741 A short history of English agriculture and rural life. A. & C. Black: London, 1924. pp. vii, 152, frontis., pls., illus., 8vo.
- Hall, George Webb
- 742 Letters on the importance of encouraging the growth of corn and wool, in the United Kingdom of Great Britain & Ireland. Evans & Ruffy: London, [1815]. pp. [iv], 82, [ii], 8vo.
- Hall, James
- 743 Travels in Scotland, by an unusual route: with a trip to the Orkneys and Hebrides. Containing hints for improvements in agriculture and commerce. With characters and anecdotes. J. Johnson: London, 1807. 2 vol., 8vo.
- Hall, Robert
- 744 Elements of botany: or, An introduction to the sexual system of Linnaeus; to which is annexed an English botanical dictionary. Vernor & Hood, [etc.]: London, 1802. pp. 7, 912 [i.e. 219], pls., 8vo.
The last page, which should be 219, is misnumbered 912.
- Halyburton, William
- 745 Georgics. In a series of letters to a friend. Written in 1766. To which is appended, Agriculture and commerce. A dialogue. Written in 1764. A. Donaldson: Edinburgh and London, 1782. pp. xi, 328, 8vo.
- Hampshire Farmer, *pseud.*, i.e. J. N. Fitt. *see* Fitt, James Nevill. 611
- Handbooks of the farm series; gen. ed. J. C. Morton. *see* Morton, John Chalmers
- Handley, Henry
- 746 A letter to earl Spencer, (President of the Smithfield club) on the formation of a national agricultural institution. J. Ridgway: London, 1838. pp. [ii], 36, 8vo.
see West, John. Remarks on the 'turnip question', in a letter addressed to Henry Handley. 1841. 1885

Handmaid

The new handmaid to arts, sciences, agriculture, etc. 1793.
see *New handmaid* . . . 1267

Hanham, Frederick, *ed.*

- 747 Natural illustrations of the British grasses. Binns & Goodwin, [etc.]: Bath, [etc.], 1846. pp. xx, 150, pls., fol.
The specimens of grasses originally mounted on the plates are, for the most part, wanting.

Hanley, William

- 748 Tracts on Irish agricultural interests. No. 2, in continuation from 1872. J. Strangeways: London, 1875. pp. [iv], 58, la. 8vo.

Hannam, John

- 749 The economy of waste manures: a treatise on the nature and use of neglected fertilizers. Longmans: London, 1844.
pp. viii, 114, 8vo.
Written for the Yorkshire agricultural society.
- 750 On the application of rape dust, and other hand-tillages. Bolland & Kemplay: Leeds, 1842. pp. [iv], 35, 8vo.

Hansford, J. E., *ed.*

see Nichols, James Lawrence. The farmers' manual and complete accountant. Revised and adapted to Canada by J. E. Hansford. 5th ed. [c. 1895]. 1276

Hardy, Abraham, *and son*

- 751 A treatise on the practical culture of the potato, (carefully revised) showing the great advantages resulting from judicious management at an early period of its growth, [etc.]. P. H. Youngman: Maldon, 1835. pp. 8, 8vo.

Harkness, Thomas

- 752 On the preparation of cooked food for the fattening of cattle, and the advantage of using it along with cut straw, hay, and turnip, or other vegetables. 5rd ed. W. Blackwood: Edinburgh & London, 1849. pp. 32, 8vo.

Harley, Ethel Brilliana, *afterwards mrs.* Tweedie. *see* Tweedie, *mrs.* Ethel Brilliana. 1797

Harley, William

- 753 The Harleian dairy system; and an account of the various methods of dairy husbandry pursued by the Dutch. Also, a new and improved mode of ventilating stables. With an appendix, containing . . . hints . . . for the management of hedge-row fences, fruit trees, etc.; and the means of rendering barren land fruitful. J. Ridgway, [etc.]: London, [etc.], 1829.
pp. xxxvi, 288, frontis., pls., 8vo.

- Harpenden—Rothamsted Experimental Station. *see* Rothamsted Experimental Station. 1493-5
- Harris, J. B.
- 754 The cheese and butter maker's handbook: a practical treatise on the arts of cheese and butter making. Dunn & Wright: Glasgow, 1885. pp. xii, 207, illus., 8vo.
- Harris, Samuel
- 755 Salt proved to be an excellent and cheap manure . . . with particular directions for its use, founded on practice. Sutton & Son: Nottingham; Baldwin & Cradock: London, 1828. pp. 15, 8vo.
- Harris, William Harry
- 756 Cattle food adulterations, being a guide to the farmer in the purchase of oil-cake. M. Dorman: Northampton; Longman; Hamilton, Adams: London, [1863]. pp. [ii], 21, frontis., pls., 8vo.
- Harrison, Gustavus
- 757 Agriculture delineated: or, The farmer's complete guide; being a treatise on lands in general: shewing the best methods of cultivating and improving the different soils . . . Also, Remarks on the management of natural and artificial grasses, [etc.]. J. Wilkie: London, 1775. pp. xviii, 414, 8vo.
- Harte, Walter
- 758 Essays on husbandry. Essay I. A general introduction, shewing that agriculture is the basis and support of all flourishing communities . . . Essay II. An account of some experiments tending to improve the culture of lucerne by transplantation [etc.]. 2nd ed., corrected and enlarged. W. Frederick: Bath; W. Johnston, [etc.]: London, 1770. pp. xxvi, [ii], 232, pls., illus., 8vo.
First published anonymously in 1764.
- Hartley, Dorothy, *ed.*
see Tusser, Thomas. Thomas Tusser, 1557 floruit, his good points of husbandry. 1931. 1794
- Hartlib, Samuel
- 759 Samuel Hartlib his legacie: or, An enlargement of the discourse of husbandry used in Brabant and Flaunders [by sir Richard Weston]; wherein are bequeathed to the commonwealth of England more outlandish and domestick experiments and secrets in reference to universall husbandry. Richard W[odenothe]: London, [1651]. pp. [viii], 131, 8vo. (sm. 4to.)
Wing H 989. Title-page damaged, parts of imprint and date wanting. Weston's original discourse appears to have received additions, possibly by Robert Child and Cressy Dymock, and the whole to have been edited and published by Hartlib.

Hartlib, Samuel

- 760 The reformfd [*sic*] husband-man; or, A brief treatise of the errors, defects, and inconveniences of our English husbandry, in ploughing and sowing for corn, [etc.]. Imparted some years ago to mr. Samuel Hartlib, [etc.]. Printed by J.C.: London, 1651. pp. [iv], 14, 8vo. (sm. 4to.)

Wing H 999. Possibly by Cressy Dymock or Adolphus Speed.

see Dircks, Henry. A biographical memoir of Samuel Hartlib: with a reprint of his pamphlet An invention of engines in motion. 1888. 489

see Weston, sir Richard. A discours of husbandrie used in Brabant and Flanders. [Edited by S. Hartlib]. 3rd ed. 1654. 1891

Harvesting crops independently of weather. By Agricola [and others]. 1882. *see* Agricola, *pseud.*, and others. 16

Harvey, Alexander

- 761 The cereals: their natural history; and the testimony they bear to the supernatural in nature, [etc.]. Aberdeen Journal Office: Aberdeen, 1877. pp. 42, [2], 8vo.

On title-page in ms.: With the Author's Complts.

- 762 On a remarkable effect of cross-breeding. W. Blackwood: Edinburgh & London; D. Wyllie: Aberdeen, 1851. pp. vi, [ii], 39, 8vo.

On title-page in ms.: Dr. Dran, Tarland, With the Author's Complts.

Hassall, Charles

- 763 General view of the agriculture of the county of Carmarthen . . . Drawn up for . . . the Board of agriculture [etc.]. W. Smith: London, 1794. pp. 52, 8vo. (sm. 4to.)

- 764 General view of the agriculture of the county of Monmouth . . . Drawn up for . . . the Board of agriculture [etc.]. Sherwood, Neely & Jones: London, 1815. pp. xi, 142, [6], mp. frontis., plts., 8vo.

- 765 General view of the agriculture of the county of Pembroke . . . Drawn up for . . . the Board of agriculture [etc.]. J. Smeeton: London, 1794. pp. [2], 63, 8vo. (sm. 4to.)

Haweis, Thomas

Useful and practical observations on agriculture. [Attributed to T. Haweis.] 1783. *see* Useful and practical observations . . . 1802

Haxton, John

An account of the different breeds of dairy cows and dairy farming in the United Kingdom. *in* Magne, Jean Henri. How to choose a good milk cow. With a supplement, on the dairy cattle of Britain, by John Haxton. 1857. 1110

Hayes, Samuel

- 766 Essays in answer to all the queries on the culture of potatoes. With memoirs, and remarks, letters, etc. by James Anderson, mr. Somerville, . . . James Crowe, . . . Thomas King, [etc.]. W. Sleater: Dublin, 1797. pp. [iv], 148, 8vo.

Hayward, Joseph

- 767 An inquiry into the causes of the fruitfulness and barrenness of plants and trees. With practical instructions for the management of gardens and farms, and a system of training fruit trees, etc., founded on scientific principles, [etc.]. Orr & Smith: London, 1834. pp. vi, 292, illus., 8vo.

On title-page: E. L. Bulmer, Esq. from Joseph A. Hayward.

- 768 On the science of agriculture: comprising a commentary on and comparative investigation of the agricultural chemistry of mr. Kirwan and sir Humphry Davy; the code of agriculture of sir John Sinclair, sir Joseph Banks, and other authors on the subject, [etc.]. Longman: London, 1825. pp. x, [ii], 220, 8vo.

Haywood, James

- 769 Letters to farmers [on agricultural chemistry]. Simpkin, Marshall: London; R. White: Worksop, 1852.
pp. xv, 236, [2], sm. 8vo.

Hazard, Willis Pope

- 770 How to select cows; or, The Guenon system simplified, explained and practically applied. With the report of the Pennsylvania Guenon commission. W. P. Hazard: West Chester, Pa.; Trübner: London, 1889.
pp. iv, [5]-149, frontis., pls., illus., 8vo.

Hazlerigg, Arthur Grey, 1st baron

see Royal Agricultural Society of England. Recommendations of a special committee appointed by the executive committee of the society to consider post-war agricultural policy, sir Arthur Hazlerigg, bt., chairman. 1941. 1505

Hazlitt, William Carew

- 771 Gleanings in old garden literature. (*Book-Lover's Library: gen. ed. H. B. Wheatley*). E. Stock: London, 1887.
pp. vii, 263, 8vo.

Headrick, James

- 772 General view of the agriculture of the county of Angus, or Forfarshire . . . drawn up for . . . the Board of agriculture [etc.]. G. & W. Nicoll; Sherwood, Neely & Jones: London; A. Constable: Edinburgh, 1813.
pp. xxxi, 590, [2], 120, mp. frontis., plts., 8vo.
- 773 View of the mineralogy, agriculture, manufactures and fisheries of the island of Arran. With notices of antiquities, and suggestions for improving the agriculture and fisheries of the Highlands and Isles of Scotland. A. Constable: Edinburgh; J. Murray: London, 1807. pp. xv, 396, mp. frontis., 8vo.

Hearths and homesteads: a series of papers on subjects connected with agriculture. By a Hampshire farmer [probably J. N. Fitt]. [1867]. *see* Fitt, James Nevill. 611

Heatley, George Smith

- 774 Sheep-farming. W. H. Allen: London, 1883.
pp. viii, 254, plts., 8vo.

Hehner, Otto and Angell, Arthur

- 775 Butter: its analysis and adulterations. Specially treating on the detection and determination of foreign fats. 2nd ed. J. & A. Churchill: London, 1877. pp. vi, [ii], 86, illus., 8vo.

Henderson, Andrew

- 776 The practical grazier; or, A treatise on the proper selection and management of live stock; with cures and preventives for . . . disorders . . . , a proper system of management . . . for grazing farms of different soils . . . containing several modes of improving waste lands, draining, and irrigating, [etc.]. Oliver & Boyd: Edinburgh; Longman: London, 1826.
pp. xxvii, 446, frontis., plts., 8vo.

Henderson, David

- 777 Tables for calculating the price of any quantity of grain . . . Together with tables for converting the old measure of grain, in . . . Scotland, into imperial measure, [etc.]. 3rd ed. Bell & Bradfute: Edinburgh; Simpkin, Marshall: London, 1875.
pp. [iv], 296, 8vo.

Henderson, G. G., *trsl.*

see Wagner, Paul. The rational manuring of field plants. 1891. 1837

Henderson, John

- 778 General view of the agriculture of the county of Caithness . . . Drawn up for . . . the Board of agriculture . . . With . . . an account of the improvements carried on, by sir John Sinclair . . . on his estates in Scotland. G. & W. Nicol, [etc.]: London, [etc.], 1812. pp. xii, 371, 222, [4], mp. frontis., plts. (incl. mps.), illus., 8vo.
- 779 ——. [Another issue]. Sherwood, Neely & Jones: London, 1815.
- 780 General view of the agriculture of the county of Sutherland . . . Drawn up for . . . the Board of agriculture . . . To which is annexed, a particular account of the more recent improvements in that county. G. & W. Nicol, [etc.]: London, [etc.], 1812. pp. xi, 238, [6], mp. frontis., plts., illus., 8vo.
- 781 ——. [Another issue]. Sherwood, Neely & Jones: London, 1815.

Henderson, Richard

- 782 The young estate manager's guide. W. Blackwood: Edinburgh & London, 1898. pp. xxvi, 266, plts., illus., 8vo.

Henderson, Robert

- 783 A treatise on the breeding of swine, and curing of bacon; with hints on agricultural subjects. A. Allardice, [etc.]: Leith, [etc.], 1811. pp. viii, 118, frontis., plt., 8vo.

Henley, Walter of. *see* Walter, of Henley. 1857

Henry, David

- 784 The complete English farmer, or A practical system of husbandry, founded upon natural, certain, and obvious principles: [etc.]. By a practical farmer, and a friend of the late mr. Jethro Tull [i.e. David Henry]. F. Newbery: London, 1771. pp. xxiv, [iv], 2, 432, plts., 8vo.
Cf. Henry's obituary in the *Gentleman's magazine*, June 1792, pp. 578-9, where this is attributed to him.

Henslow, John Stevens

- 785 Letters to the farmers of Suffolk, with a glossary of terms used, and the address delivered at . . . the Hadleigh farmers' club. R. Groombridge: London; H. Hardacre: Hadleigh, [1843]. pp. iv, [3]-114, 8vo.

Hepburn, George Buchan-

- 786 General view of the agriculture and rural economy of East Lothian . . . Drawn up for . . . the Board of agriculture [etc.]. J. Moir: Edinburgh, 1794. pp. [6], iv, [5]-157, plts., 8vo. (sm. 4to.)

Heron, Robert

- 787 General view of the natural circumstances of those isles . . . distinguished by the . . . name of Hebudae or Hebrides:— of the various means which have been employed to cultivate and improve them:— and of some other means . . . likely to contribute to their further improvement. Drawn up for . . . the Board of agriculture [etc.]. J. Paterson: Edinburgh, 1794. pp. [4], 99, 8vo. (sm. 4to.)

Hervet, Gentian, *trsl.*

see Vansittart, Robert, *ed.* Certain ancient tracts reprinted. [Containing Xenophon's Treatise of household, translated from the Greek by Gentian Hervet]. 1767. 1811

Heywood, William H.

- 788 High farming. How far is it expedient? Let nature answer. Phillipson & Golder: Chester; Griffith & Farran; W. Ridgway: London, 1867. pp. ii [i.e. iv], vi, 42, sm. 8vo.

Hickey, William. 'Martin Doyle', *pseud.*

- 789 The works of Martin Doyle. W. Curry: Dublin; Simpkin & Marshall: London, 1834. 2 vol., 8vo.
- 790 A cyclopaedia of practical husbandry and rural affairs in general. W. Curry: Dublin, 1839. pp. [ii], vi, 507, illus., 8vo.
- 791 Farm & garden produce. A treasury of information. (*Books for the Country*). G. Routledge: London [and] New York, 1857. pp. [iv], 156, frontis., sm. 8vo.
- 792 Hints originally intended for the small farmers of the county of Wexford; but suited to the circumstances of most parts of Ireland. 8th ed. rev. and enlarged. W. Curry, [etc.]: Dublin, [etc.], 1832. pp. 118, frontis., 8vo.
- 793 Hints to small holders on planting, cattle, poultry, agricultural implements, flax, etc. 2nd ed., carefully rev. by the author. W. Curry, [etc.]: Dublin, [etc.], 1832. pp. [viii], 88, illus., 8vo.
- 794 Irish cottagers. W. Curry, [etc.]: Dublin, [etc.], 1830. pp. [xii], 137, 8vo.
- 795 Small farms. A practical treatise [etc.]. (*Books for the Country*.) G. Routledge: London [and] New York, 1856. pp. ix, [ii], 116, frontis., illus., sm. 8vo.

Hickey, William. 'Martin Doyle', *pseud.*, and Darton, John

- 796 Cottage and dairy farming: or, How to cultivate from two to twenty acres. With chapters on the management of cows, pigs and poultry, and the making of butter and cheese. new and rev. ed. H. J. Drane: London, [1894?]. pp. 52, iv, [5]–64, 8vo.

Highland and Agricultural Society of Scotland

National work, under the patronage of the Highland society of Scotland. The breeds of our different domestic animals. [By R. Wight]. 3 pts. [in 1]. 1830, 29, 31. *see* Wight, Robert. 1912

- 797 Prize-essays and Transactions of the Highland society of Scotland. New [i.e. 2nd] series. vol. 1-8. W. Blackwood: Edinburgh; T. Cadell: London, 1829-45. 8 vol., 8vo.

continued as

Transactions of the Highland and agricultural society of Scotland. July 1845-March 1865. New [i.e. 3rd] series. W. Blackwood: Edinburgh & London, 1845-65. 11 vol., 8vo.

— Index to the first, second and third series . . . from 1799 to 1865. W. Blackwood: Edinburgh, 1869. pp. 184, 8vo.

— Fourth series. vol. 1-20. W. Blackwood: Edinburgh, 1867-88. 20 vol., 8vo.

— Index to the fourth series. W. Blackwood: Edinburgh, 1888. pp. 115, 8vo.

— Fifth series. vol. 1-56. W. Blackwood: Edinburgh, 1889-1944. 56 vol., 8vo.

- 798 Report by the committee appointed to consider the petition of the Wester Ross farming society, praying that the Highland and agricultural society would establish an experimental farm. [n.p., 1840]. pp. 12, 8vo.

From the *Prize essays and Transactions of the Highland and agricultural society of Scotland*, vol. 13 (new ser. vol. 7), 1841.

- 799 Report on weights & measures. By a committee of the Highland society of Scotland, and of gentlemen from the different counties of Scotland, and from the Convention of royal burghs. A. Constable: Edinburgh, 1813. pp. 76, 8vo.

- 800 Report on the present state of the agriculture of Scotland, arranged under the auspices of the Highland and agricultural society. To be presented at the International agricultural congress at Paris in June 1878. Neill: Edinburgh, 1878. pp. vi, [ii], 247, 8vo.

see Ramsay, Alexander. History of the Highland and agricultural society of Scotland. 1879. 1412

Hill, John, *calling himself sir* John Hill

see Hale, Thomas. A compleat body of husbandry. Compiled from the original papers of the late Thomas Hale, esq. [but reputed to be by John Hill]. 1756. *and* A continuation of the Compleat body of husbandry. 1759. 737-8

Hillyard, Clark

- 801 Practical farming and grazing: with observations on the breeding & feeding of sheep & cattle, . . . remarks on the probable effects of railroads and steam navigation upon agriculture; the amended poor laws; alteration of the tariff; the corn-laws, [etc.]. 4th ed. J. Murray, [etc.]: London; Birdsall: Northampton, 1844. pp. ix, 352, 8vo.

Hints

A few hints to landowners & cultivators. Horn or corn: which pays best. By a Cumberland landowner. 1873. *see* Cumberland Landowner, *pseud.* 431

Some hints for the better improvement of husbandry. [By John Wynn Baker.] 1762. *see* Baker, John Wynn. 96

Hints for promoting a bee society. [By John Coakley Lettsom]. 1796. *see* Lettsom, John Coakley. 1012

Hints for the practical administration of the poor laws. [Issued by the Society for the diffusion of useful knowledge.] 1832. *see* Society for the Diffusion of Useful Knowledge. 1634

Hints for the use of Highland tenants and cottagers. [By sir F. Mackenzie.] 1838. *see* Mackenzie, sir Francis Alexander, 5th bart. 1099

Hints on agriculture relative to profitable draining and manuring. By Cecil [i.e. C. Tongue]. 1858. *see* Tongue, Cornelius. 1751

Hints on butter-making. [Issued by the Royal agricultural society of England. 1879]. *see* Royal Agricultural Society of England. 1501

Hints on vegetation, and questions regarding the nature and principles thereof. [By sir John Sinclair]. 1796. *see* Sinclair, sir John, 1st bart. 1592

Hints regarding cattle. [By sir John Sinclair. 1802?] *see* Sinclair, sir John, 1st bart. 1593

Hirzel, Hans Kaspar

The rural Socrates, or, A description of the . . . conduct of a country philosopher. *in* Young, Arthur, 1741-1820. Rural oeconomy. 1770. 1995

Hitt, Thomas

- 802 A treatise of husbandry on the improvement of dry and barren lands, [etc.]. J. Richardson; J. Webb: London, 1760. pp. xiv, [ii], 208, 8vo.

- Hodges, John Frederick
- 803 Animals of the farm: their structure and physiology. A hand-book for agricultural students & farmers. 2nd ed., rev. and enlarged. M. Ward: London and Belfast, [1876]. pp. 119, illus., sm. 8vo.
- 804 The first book of lessons in chemistry, in its application to agriculture. For the use of farmers and teachers. 2nd ed. Simms & M'Intyre: London & Belfast, 1849. pp. [iv], xvi, 17-176, illus., 8vo.
- Hodges, Thomas Law
- 805 The use and advantages of Pearson's draining plough; detailed in a paper communicated to the Society . . . of arts, etc. etc. J. Ridgway: London, 1839. pp. 14, frontis., 8vo.
- Hodgson, William
- 806 The shepherd's guide, or, A delineation of the wool and ear marks of the different stocks of sheep in Lancashire, Cumberland, & Westmorland. S. Soulby: Ulverston, 1849. pp. [vi], 751, illus., 8vo.
- Hodskinson, Joseph
- 807 Plain and useful instructions to farmers; or, An improved method of management of arable land; with some hints upon drainage, fences, and the improvement of turnpike and cross roads, [etc.]. F. & C. Rivington; J. Evans: London, [1794]. pp. [v], [7]-38, 8vo.
- Hogg, James
- 808 The shepherd's guide: being a practical treatise on the diseases of sheep, their causes, and the best means of preventing them; with observations on the most suitable farm-stocking for the various climates of this country. A. Constable: Edinburgh; J. Murray: London, 1807. pp. vi, 338, 8vo.
- see* Batho, Edith Clara. Notes on the bibliography of James Hogg. 1935. 126
- Holdich, Benjamin
- 809 An essay on the weeds of agriculture . . . The posthumous work of Benjamin Holdich. Edited by G. Sinclair. 4th ed. J. Ridgway: London, [c. 1836]. pp. xv, 82, frontis., pls., 8vo.
- Holland, Daniel
- 810 The new and complete universal vermin-killer, [etc.]. A. Hogg: London, [1802]. pp. 66, [6], frontis., 8vo.

Holland, sir Henry, 1st bart.

- 811 General view of the agriculture of Cheshire . . . drawn up for the consideration of the Board of agriculture [etc.]. R. Phillips: London, 1808.
pp. xii, 375, [4], mp. frontis., plts. (incl. mp.), illus., 8vo.
- 812 ——. [Another issue]. Sherwood, Neely & Jones: London, 1815.
Frontis. wanting.

Hollinshead, John

- 813 Hints to country gentlemen and farmers on the importance of using salt as a general manure. 2nd ed. Hemingway & Crook: Blackburn, 1800. pp. 60, 8vo.

Holt, John

- 814 General view of the agriculture of the county of Lancaster . . . Drawn up for . . . the Board of agriculture [etc.]. J. Nichols: London, 1794.
pp. 114 [i.e. 113], plts. (incl. mp.), 8vo. (sm. 4to.)
- 815 ——. [Another ed.] Drawn up for . . . the Board of agriculture . . . from the communications of John Holt, and the additional remarks of several respectable gentlemen and farmers in the county. G. Nicol: London, 1795.
pp. [iv], xii, 241, mp. frontis., plts., illus., 8vo.

Home, Francis

- 816 The principles of agriculture and vegetation. 5rd ed., with additions. A. Millar: London; A. Kincaid & J. Bell: Edinburgh, 1762. pp. viii, 207, 8vo.

Home, Henry, lord Kames

- 817 The gentleman farmer. Being an attempt to improve agriculture, by subjecting it to the test of rational principles. W. Creech: Edinburgh; T. Cadell: London, 1776.
pp. xxvi [i.e. xxiv], 409, plts., 8vo.
- 818 The Hop-planter's assistant; containing an accurate and exact collection of useful tables, shewing the price of any quantity of hops, &c. from one pound to twenty hundred weight. [etc.]. J. Blake, [etc.]: Maidstone, [etc., c. 1800]. pp. [ii], 129, 8vo.

Horn, D.

- 819 Agricultural depression in Aberdeen and Banff shires, 1880. [n.p., 1880]. pp. 12, 8vo.
Contains a communication published in the [Aberdeen] *Daily Free Press*, January 25, 1880, and a second paper, each signed D. Horn.

Horn, John

- 820 The description and use of the new invented patent universal sowing machine, for broad-casting or drilling every kind of grain, pulse, and seed, [etc.]. J. Johnson, [etc.]: London, [etc.]; for the author: Canterbury, 1786. pp. [iv], 43, frontis., plt., 8vo.

Hornby, Thomas

- 821 Dissertation on lime, and its use and abuse in agriculture; embracing a view of its chemical effects, illustrated by collateral remarks and observations. 2nd ed. J. Harding, [etc.]: London, [etc.], 1814. pp. [iv], 32, 8vo.
- 822 —. 3rd ed. J. Harding: London, 1821. pp. 36, 8vo.

Horne, Thomas Hartwell

- 823 The complete grazier; or, Farmer and cattle-dealer's assistant . . . Together with a synoptical table of the different breeds of neat cattle, sheep, and swine. By a Lincolnshire grazier [i.e. T. H. Horne]. B. Crosby: London, 1805. pp. [viii], 510, frontis., plt., 8vo.

This is to some extent based on the anonymous work *The COMPLETE grazier: or, Gentleman and farmer's directory*. 381.

- 824 —. 4th ed., rev., [etc.]. Baldwin, Cradock & Joy: London, 1816. pp. [xvi], 592, frontis., illus., 8vo.
- 825 The complete grazier and farmers' and cattle-breeders' assistant, forming a compendium of husbandry [by T. H. Horne]. Originally written [or rather revised] by William Youatt. 14th ed., entirely re-written . . . by William Fream. C. Lockwood: London, 1900. pp. xiv, 1086, frontis., illus., la. 8vo.
- 826 A treatise on the choice, buying, and general management of live stock . . . By the author of *The complete grazier* [i.e. T. H. Horne]. 2nd ed., rev., corrected and enlarged. B. Crosby: London, 1810. pp. vii, [9]–232, illus., 8vo.

The Horse; with a treatise on draught. [By W. Youatt]. 1851. *see* Youatt, William. 1965

Horses and roads, by Free-Lance [i.e. J. T. Denny]. 3rd ed. 1881. *see* Denny, J. T. 475

Hoskyns, Chandos Wren

- 827 Agricultural statistics; a reprint. J. Murray: London, 1856. pp. 58, 8vo.
- From the *Journal of the Royal agricultural society of England*, vol. 16, pt. 2, 1856.
- 828 A catechism on the English land system. Cassell, Petter & Galpin: London, [etc.], 1873. pp. [iv], 124, 8vo.
- With ms. inscription by the author.

Hoskyns, Chandos Wren

- 829 Land in England, land in Ireland, and land in other lands. Longman: London; Head & Hull: Hereford, 1869. pp. [iv], 54, 8vo.
- 830 Occasional essays. Longmans: London, 1866. pp. [viii], 256, 8vo.
- 831 A retrospect of English agriculture during the last fifteen years. Being a paper read . . . at . . . the Society of arts, [etc.]. W. Trousce: London, [1856]. pp. 60, 8vo.
From the *Journal of the Society of arts*, vol. 4, 1856.
- 832 A short inquiry into the history of agriculture, in ancient, mediaeval, and modern times. Bradbury & Evans: London, 1849. pp. viii, 160, frontis., sm. 8vo.
- 833 Talpa: or, The chronicles of a clay farm. An agricultural fragment. 2nd ed. Reeve: London, 1853. pp. [ii], viii, 237, illus., 8vo.

Houghton, John, ed.

- 834 A collection for the improvement of husbandry and trade, [etc.]. Communicated by several eminent members of the Royal society, to the collector, John Houghton. Now rev., corrected, and published . . . by Richard Bradley. Woodman & Lyon: London, 1727. 3 vol., 8vo.

Houlston's Industrial Library

The farm bailiff. [c. 1850]. 590.

House of Commons. *see* Parliament—House of Commons. 1312

Housman, William

- 835 Cattle. Breeds and management. With a chapter on diseases of cattle, by J. Wortley Axe. 3rd ed. (*Live Stock Handbooks: gen. ed. J. Sinclair*). Vinton: London, [1902]. pp. [iv], 270, plts., 8vo.
Title-page defaced, date obliterated.

How to use nitrate: practical hints [etc. 1891, etc.]. *see* Permanent Nitrate Committee. How to use nitrate. [1891]. and 4th (rev.) ed. [c. 1900]. 1328-9

Howard, Charles

- 836 Report on the farming of the East-riding of Yorkshire. J. Coultas: York, 1848. pp. 31, mp. frontis., 8vo.

Howard, James and Frederick, *manufacturers*

- 837 James & Fredk. Howard, (sons and successors of John Howard,) Britannia iron works, Bedford, iron founders, patentees, and manufacturers of agricultural implements and machines. [A catalogue.] December 1st, 1854. J. G. Nall: Bedford, [1854]. pp. 28, illus., 8vo.

- Howe, Thomas, *illus.*
 see Wight, Robert. The breeds of our different domestic animals, engraved from portraits painted from life by Howe. 3 pts. [in 1]. 1830, 29, 31. 1912
- Howitt, William
- 838 The rural life of England. 2nd ed., corrected and revised. Longmans: London, 1840. pp. xxiv, 615, *illus.*, 8vo.
- Hoyte, Henry
- 839 An essay on the conversion of soils . . . together with some observations and remarks on the breeding of sheep and cattle. M. Piggot, [etc.]: Faringdon, [etc.], 1802. pp. [ii], 44, 8vo.
 In the imprint, *Faringdon* has been deleted in ink and *Newbury* inserted in its place.
- 840 An essay, on the injury done to landed property, and the community at large; where a looseness of covenants forms a loop hole for peculation. T. Mayo: Newbury, 1805. pp. vi, 21, 8vo.
- Hughes, Francis James
- 841 De calcis usu in agricultura . . . Eruditorum examini subjicit Franciscus Jacobus Hughes, [etc.]. Abernethy & Walker: Edinburgh, 1812. pp. [vii], 69, 8vo.
 Dissertation (M.D.), Edinburgh: G. Baird, praeses. With ms. inscription by the author.
- Hughes, Thomas McKenny
- 842 On the more important breeds of cattle which have been recognised in the British Isles in successive periods, and their relation to other archaeological and historical discoveries. Communicated to the Society of Antiquaries. Nichols: Westminster, 1896. pp. [ii], 34, *illus.*, 4to.
 From *Archaeologia*, vol. 55, 1896, pp. 125-158.
- Humanitas, *pseud.*
- 843 Free trade, with reference to its effects upon the operative classes, briefly considered. By Humanitas. W. E. Painter: London, 1844. pp. 16, 8vo.
 In AGRICULTURAL PROTECTION SOCIETY. Tracts issued up to 1844. 20.
- Hunt, Charles Henry
- 844 A practical treatise on the merino and anglo-merino breeds of sheep; in which the advantages to the farmer and grazier, peculiar to these breeds, are clearly demonstrated. W. P. Piercy: London, 1809. pp. viii, 198, 8vo.
 The title-page is a cancel.

Hunt, John

- 845 Agricultural memoirs; or, History of the Dishley system. In answer to sir John Saunders Sebright, bart. H. Barnett: Nottingham; Longman: London, 1812. pp. 149, 8vo.

Hunter, Alexander

- 846 Georgical essays: by A. Hunter [and others]. Wilson & Spence, [etc.]: York, [etc.], 1803. 4 vol., 8vo.

The two additional volumes issued in 1803 and 1804 are not present in this set.

- 847 Outlines of agriculture, addressed to sir John Sinclair, bart., president of the Board of agriculture. 2nd ed. Wilson, Spence and Mawman: York; Cadell & Davis: London, 1797. pp. 47, pls., 8vo.

see Evelyn, John. Terra: a philosophical discourse of earth. A new ed. with notes by A. Hunter. 1778. 579

Hunter, Charles D., *contrib.*

see Lawson, William. Ten years of gentleman farming at Blennerhasset. By William Lawson, Charles D. Hunter, and others. 2nd ed. 1875. 995

Hunter, James

- 848 The improved Scotch swing plough: with practical illustrations on plough-making and ploughing; and many other observations in connection with agriculture. M'Lachlan, Stewart, [etc.]: Edinburgh, [etc.], 1843. pp. iv, [iv], 112, frontis., pls., 8vo.

Hunter, John

see Jardine, sir William, 7th bart. The natural history of the ruminating animals. Part 2. [With a memoir of John Hunter.] 1836. 869

Hunting, Charles

- 849 The cattle plague. Ballantyne, Roberts: Edinburgh, 1866. pp. 22, 8vo.

The Husbandman's manual. Written by a minister in the country [i.e. E. Welchman]. *see Welchman*, Edward. 1882

Hutchinson, Henry

- 850 A treatise on the practical drainage of land. Houlston & Stoneman: London; H. Johnson: Stamford, 1844. pp. viii, 207, frontis., pls., 8vo.

Hutchinson, William

- 851 Handbook of grasses: treating of their structure, classification, geographical distribution and uses; also describing the British species and their habitats. S. Sonnenschein: London; Macmillan: New York, 1895. pp. viii, 92, frontis., illus., 8vo.

- Hutchison, William M.
 852 Hints on colt-breaking. Chatto & Windus: London, 1892. pp. [iv], 117, illus., 8vo.
- Hutt, William, *ed.*
 853 State and prospects of British agriculture; being a compendium of the evidence given before a committee of the House of Commons appointed in 1836 to enquire into agricultural distress. With a few introductory observations. 2nd ed. J. Ridgway: London, 1837. pp. xxii, 225, [4], 8vo.
- Hutton, John
 854 Letter to the farmers of Great Britain, on the means of rendering their crops more productive, and of superseding the necessity for the importation of foreign corn. E. Wilson: London, 1854. pp. 28, 8vo.
 855 A letter to the landed proprietors of Great Britain, on a new method of prevailing on the farmers to cultivate the more valuable permanent pasture grasses, and those best adapted to the alternate husbandry. Simpkin & Marshall; Ridgway: London; Ridge: Newark, [1838]. pp. 25, 8vo.
- Huxtable, Anthony
 856 A lecture on the science and application of manures. J. Ridgway: London, 1847. pp. 45, 8vo.
 857 The 'present prices'. 7th ed. W. Shipp: Blandford; Ridgway: London, 1850. pp. 54, 8vo.
see Milne, David. Report of a visit to the farms of mr. Rigden, Sussex; rev. mr. Huxtable, Dorset; and mr. Morton, Gloucestershire. With remarks on agricultural improvement. 1850. 1202
see Porcius, *pseud.* Mr. Huxtable and his pigs. 1850. 1365
- I.E.B.C., *ed.*
 The farm, garden, stable and aviary. Edited by I.E.B.C. [i.e. I. E. B. Cox]. 3 vol. 1869-71. *see* Cox, Irwin Edward Bainbridge. 415
- I.T.
 The horse-hoing husbandry: or, An essay on the principles of tillage and vegetation. By I.T. [i.e. Jethro Tull]. 1735. *see* Tull, Jethro. 1782
- I.W.B.
 Some hints for the better improvement of husbandry. [Signed I.W.B., i.e. J. W. Baker.] 1762. *see* Baker, John Wynn. 96
- An Immediate and effectual mode of raising the rental of the landed property of England. By a Scotch farmer now farming in Middlesex [i.e. J. C. Loudon]. 1808. *see* Loudon, John Claudius. 1052

- 858 *An Impartial view of English agriculture, from permitting the exportation of corn, in the year 1663, to the present time.* 2nd ed., corrected. G. Kearsly: London, 1766. pp. 26, 4to.

Ascribed to Richard Onely, Only or Oneley by Perkins in his *British and Irish Writers on Agriculture*, 3rd ed., p. 111, owing to a mistaken reading of Weston, p. 85, where the book is meant to be described as anonymous. It is doubtful if any of the works attributed to Onely by Perkins (loc. cit.) are by him.

An Important problem having been solved by the Labourers' friends society. [By M. A. Gilbert]. 1839. *see* Gilbert, M. A. 692

- 859 *The Improved culture of three principal grasses, lucerne, sainfoin, and burnet: wherein is described a new method of cultivating lucerne to much greater profit than any hitherto practised in England or abroad; shewn by a comparison of the several methods. To which are added, some observations on clover.* G. Robinson: London, 1775. pp. [xvi], 320, 8vo.

Institute of Agriculture

Ensilage: its influence upon British agriculture. By Henry Woods. [Published under the auspices of the Institute of agriculture]. [1884]. *see* Woods, Henry, *agent to lord Walsingham*. 1940

The Interest of Scotland considered, with regard to its police in employing of the poor, [etc. By Patrick Lindesay]. 1736. *see* Lindesay, Patrick. 1017

Ireland—Commissioners of National Education

- 860 *Agricultural class book; or, How best to cultivate a small farm and garden: together with hints on domestic economy.* Printed and published by direction of the Commissioners of national education, Ireland. A. Thom: Dublin; Longman; Groombridge & sons: London, 1862. pp. vii, [9]–317, illus., sm. 8vo.

Ireland—Parliament

- 861 *An act for directing the application of the sum of eight thousand pounds granted to the Dublin society, for the encouragement of such trades and manufactures as should be directed by Parliament.* B. Grierson: Dublin, 1766. pp. 8, 8vo.

Ireland [Appendix]

An account of the culture of potatoes in Ireland. 1796. *see* *An Account* . . . 8

Considerations on agriculture: treating of the several methods practised in . . . Ireland. [Attributed to George Rye]. 1730. *see* *Considerations* . . . 383

A scheme for establishing county poor-houses, in the kingdom of Ireland. [By Richard Woodward]. 1766. *see* Woodward, Richard, *bp*. 1942

Irish Agricultural Interests

Tracts on Irish agricultural interests. No. 2, in continuation from 1872. [By William Hanley]. 1875. *see* Hanley, William. 748

J.B., *gent.*

The epitomie of the art of husbandry. By J.B., *gent.* [i.e. Joseph Blagrave]. 1685. *see* Blagrave, Joseph. 173

J.M.

The whole art of husbandry. By J.M., *esq.*, F.R.S. [i.e. John Mortimer]. 1707. *see* Mortimer, John. 1231

J.S.

Profit and pleasure united. By J.S. [i.e. J. Smith?]. 1684. *see* Smith, J. 1612

The shepherd's kalender. [By J.S.]. [c. 1757]. *see* S., J. 1517

J.W., *gent.*

Systema agriculturae. By J.W., *gent.* [i.e. John Worlidge]. 2nd ed. 1675 [etc.]. *see* Worlidge, John. 1947

Jackson, Henry Kains-, *ed.*

- 862 The practical guide for making ensilage in stacks & silos. Issued by the Ensilage society. Eyre & Spottiswoode: London, 1888. pp. iv, 50, illus., 8vo.

Jackson, James

- 863 Essays on various agricultural subjects, and an account of the parish of Penicuik, for which the Highland society of Scotland awarded premiums, in 1825 (-30). W. Blackwood: Edinburgh, 1833. pp. x, [ii], 354, 8vo.
- 864 A treatise on agriculture and dairy husbandry. W. & R. Chambers: Edinburgh, 1840. pp. 116, illus., 1s. 8vo.

Jacob, William

- 865 Observations on the benefits arising from the cultivation of poor soils, by the application of pauper labour; as exemplified in the colonies for the indigent, and for orphans in Holland. C. Greene: Lindfield, 1828. pp. [iv], 39, 8vo.
Full imprint: Printed for the Society for improving the condition of the lower order of tenantry, and of the labouring population of Ireland, by Charles Greene, Printer, at the Schools of Industry, Lindfield, Sussex.
- 866 Report on the trade in foreign corn, and on the agriculture of the north of Europe. (Ordered to be printed by the House of Commons). To which is added an appendix of official documents, averages of prices, shipments, stocks on hand in the various exporting countries, etc. 3rd ed. J. Ridgway: London, 1826. pp. 249, pls., 8vo.

James, Uncle, *pseud.*, i.e. James Rodwell. *see* Rodwell, James. 1477

James, William, *fl.* 1794, *supposed author*

General view of the agriculture of Surrey, . . . by mr. William James and mr. Jacob Malcolm. 1794. *see* Malcolm, William, *and others.* 1115

Jamieson, Thomas

- 867 Opening lecture, Aberdeen school of chemistry and agriculture, season 1878-79. Subject: Investigations conducted by the Aberdeenshire agricultural association. A. Murray: Aberdeen, 1879. pp. 28, plt., 8vo.
- 868 The relation of chemistry to agriculture: a lecture delivered at Aberdeen [and elsewhere]. Aberdeen Journal Office: Aberdeen, [1876]. pp. 24, plts., 8vo.

Jardine, sir William, *7th bart.*

- 869 The natural history of the ruminating animals, containing goats, sheep, wild and domestic cattle, &c. Part 2. (*Naturalist's Library. Mammalia*, 4). W. H. Lizars, [etc.]: Edinburgh, [etc.], 1856. pp. xv, [17]-264, frontis., plts., 8vo.
- Contains a memoir of John Hunter (pp. 17-83). With additional engraved title-page.

Jarvis, Thomas

- 870 The farmer's harvest companion, and country gentleman's assistant. Containing exact and useful tables . . . useful to farmers in the time of harvest, and to all persons who put out work by the acre. 10th ed., . . . by H. S. Tiffen, [etc.]. Simpkin, Marshall: London; W. Tiffen: Hythe, 1841. pp. 204, 8vo.

Jenkinson, Robert Banks, *2nd earl of Liverpool*

see Stourton, William, *17th baron.* Two letters to the earl of Liverpool on the distresses of agriculture of the United Kingdom. 1821 *and* Three letters to the earl of Liverpool, [etc.]. new ed. 1822. 1691-2

Johnny Gibb of Gushetneuk, *author of*, i.e. William Alexander. *see* Alexander, William. 34-5

Johnson, Charles

- 871 The grasses of Great Britain; illustrated by John E. Sowerby. Described, with observations on their natural history and uses, by Charles Johnson. R. Hardwicke: London, [1857-61]. pp. xxxii, 192, 144 plts., la. 8vo.
- Issued in parts. The plates bear various dates from 1 October 1857 to 1 September 1861.

Johnson, Cuthbert William

- 872 Agricultural chemistry for young farmers. 2nd ed. J. Ridgway: London, [c. 1845]. pp. 92, 8vo.
- 873 The cottage farmer's assistant in the cultivation of his land, and Book of the household. J. Ridgway: London, [1842]. pp. 84, 8vo.
- 874 An essay on the uses of salt for agricultural purposes, and in horticulture; with instructions for its employment as a manure, and in the feeding of cattle, sheep, &c. [etc.]. 2nd ed. W. Simpkin & R. Marshall: London, 1821. pp. xvi, 147, 8vo.
- 875 The farmer's encyclopaedia, and dictionary of rural affairs; embracing all the most recent discoveries in agricultural chemistry, [etc.]. H. G. Bohn: London, [1842]. pp. iv, 1319, illus., 8vo.
- 876 Modern agricultural improvements: being a supplement to the British husbandry of the Society for the diffusion of useful knowledge. R. Baldwin: London, 1847. pp. viii, 175, illus., 8vo.
British husbandry is by J. F. Burke, q.v. 267-8.
- 877 The modern dairy and cowkeeper. J. Ridgway: London, 1850. pp. 119, frontis., pls., 8vo.
- 878 On fertilizers. 2nd ed. J. Ridgway: London, 1844. pp. 612, 8vo.
- 879 On guano as a fertilizer. J. Ridgway: London, 1843. pp. 44, 8vo.
- 880 On gypsum as a fertilizer. 2nd ed. J. Ridgway: London, 1841. pp. [ii], 51, 8vo.
- 881 On increasing the demand for agricultural labour. J. Ridgway: London, 1841. pp. 64, illus., 8vo.
- 882 On increasing the depth of soils. J. Ridgway: London, 1840. pp. viii. [9]-74. 8vo.
- 883 ——. [Another copy].
In both copies pp. i-ii are wanting.
- 884 On liquid manures. J. Ridgway: London, 1837. pp. [iv], 39, 8vo.
- 885 On rendering manures more portable and applicable by the drill. J. Ridgway: London, 1841. pp. [ii], 44, 8vo.
- 886 On saltpetre and nitrate of soda as fertilizers. J. Ridgway: London, 1840. pp. 51, 8vo.
- 887 On the advantages to be derived from the united application of Wilson's & Baylis's patents for the manufacture of salt from sea-water and inland brine springs. With an essay on the value of salt for agricultural and other purposes, and directions for the use of the same, by permission of the author, Cuthbert William Johnson. Wilson: London, 1838. pp. 16, 8vo.
Johnson's essay is missing (but cf. 874).

Johnson, Cuthbert William

- 888 The use of crushed bones as manure. Simpkin & Marshall; J. Ridgway: London, 1836. pp. 16, 8vo.
see Burke, John French. British husbandry. With a supplement by C. W. Johnson. 2 vol. 1847-48. 268
see The Farmers' almanac for 1847 . . . by Cuthbert W. Johnson and William Shaw. no. 1, vol. 3. [1846]. 592

Johnson, George William

- 889 The agricultural and horticultural uses of gas lime, ammoniacal liquor, and tar. R. Baldwin: London, [c. 1846]. pp. 8, 8vo.

Johnson, Samuel William

- 890 How crops feed. A treatise on the atmosphere and the soil as related to the nutrition of agricultural plants. Orange Judd: New York, 1900. pp. xiv, 17-375, illus., 8vo.
891 How crops grow: a treatise on the chemical composition, structure, and life of the plant, for agricultural students . . . Rev. and adapted for English use, by A. H. Church and W. T. Thiselton Dyer. Macmillan: London, 1869.
pp. [iii]-xvi, 399, illus., 8vo.

Johnston, Bryce

- 892 General view of the agriculture of the county of Dumfries . . . Drawn up for . . . the Board of agriculture [etc.]. T. Wright: London, 1794. pp. [4], v, [7]-114, xlv, 8vo. (sm. 4to.)

Johnston, James Finlay Weir

- 893 Catechism of agricultural chemistry and geology. new ed. by sir Charles A. Cameron. W. Blackwood: Edinburgh and London, 1886. pp. [ii], 75, illus., 8vo.
894 The chemistry of common life. W. Blackwood: Edinburgh & London, 1855. 2 vol., 8vo.
Vol. 1 only.
895 Contributions to scientific agriculture. W. Blackwood: Edinburgh and London, 1849. pp. 231, 8vo.
896 Elements of agricultural chemistry and geology. 4th ed. W. Blackwood: Edinburgh & London, 1845.
pp. xii, 280, illus., 8vo.
897 Elements of agricultural chemistry and geology. By the late J. F. W. Johnston and Charles A. Cameron. 13th ed. W. Blackwood: Edinburgh & London, 1885.
pp. xx, 511, illus., 8vo.
898 Johnston's Elements of agricultural chemistry. From the ed. by sir Charles A. Cameron. Rev., and in great part rewritten, by C. M. Aikman. 17th ed. W. Blackwood: Edinburgh & London, 1894. pp. xx, 482, illus., 8vo.

Johnston, James Finlay Weir

- 899 Experimental agriculture: being the results of past, and suggestions for future experiments in scientific and practical agriculture. W. Blackwood: Edinburgh & London, 1849. pp. xv, 265, 8vo.
- 900 Instructions for the analysis of soils, limestones, and manures. 3rd ed. W. Blackwood: Edinburgh & London, 1855. pp. vi, [ii], 95, 8vo.
- 901 Lectures on agricultural chemistry and geology. With an appendix, containing suggestions for experiments in practical agriculture. W. Blackwood: Edinburgh & London, 1844. pp. 16, [7]–911, [2], 116, xx, 8vo.
4 parts, issued in 42 monthly numbers. Following p. 16 of the preliminaries, the Preface and contents-list to pts. 1–3 (2nd ed., 1842) are bound in; these should have been cancelled. Imperfect, wants pp. 435–450, 475–582, 779–850, all half-titles to parts, and pp. 53–52 of the Appendix: pp. 53–76 of the Appendix are mis-bound after p. 630.
- 902 On the use of lime in agriculture. W. Blackwood: Edinburgh & London, 1849. pp. [vi], 259, xxii, illus., 8vo.
- 903 Suggestions for experiments in practical agriculture. No. 1[–3]. W. Blackwood: Edinburgh & London; Andrews: Durham, [1841–43?]. pp. 77, 8vo.
Consists of three numbers, each with separate title-page but with continuous pagination. Issued with the monthly numbers of his *Lectures on agricultural chemistry*, and identical with sections 1, 3 & 4 of the Appendix to the 1844 ed. of the *Lectures*, q.v. 901.
- 904 What can be done for English agriculture? A letter to the marquis of Northampton, president of the Royal society. W. Blackwood, [etc.]: Edinburgh and London, [etc.], 1842. pp. 39, 8vo.

Johnston, Thomas

- 905 General view of the agriculture of the county of Selkirk . . . Drawn up for . . . the Board of agriculture [etc.]. W. Bulmer: London, 1794. pp. 50, plts., 8vo. (sm. 4to.)
- 906 General view of the agriculture of the county of Tweeddale . . . Drawn up for . . . the Board of agriculture [etc.]. W. Bulmer: London, 1794. pp. 42, 8vo. (sm. 4to.)

Johnstone, John

- 907 An account of the most approved mode of draining land; according to the system practised by mr. Joseph Elkington . . . With . . . hints for the farther improvement of bogs . . . after draining; together with observations on hollow and surface draining in general. Drawn up for . . . the Board of agriculture and internal improvement. Mundell: Edinburgh; for G. Nicol, [etc.]: London, [etc.], 1797. pp. xv, 182, [2], plts., 4to.

Johnstone, John

- 908 An account of the most approved mode of draining land [etc. Another ed.] Dublin Society: Dublin, 1800. pp. xiii, 180, [2], pls., 8vo.
- 909 A systematic treatise on the theory and practice of draining land, &c. . . . Also, on sea, river, and lake embankments; formation of ponds, and artificial pieces of water, &c. With . . . hints and directions for the culture and improvement of bog, moss, moor, [etc.]. 3rd ed., rev. and enlarged. University Press: Edinburgh, 1854. pp. xi, 250, pls., 4to.

Jones, David F.

- 910 Turnip husbandry. A series of papers on the culture and application of that important root . . . Reprinted with numerous additions from the Irish farmers' journal. J. McGlashan, [etc.]: Dublin, [etc.], 1847. pp. [iv], 83, 8vo.

Jones, John, *rector of Llanillyfni*

- 911 On the state of agriculture, and the progress of arts and manufactures in Britain, during the period, and under the influence, of the Druidical system. W. Pickering: London; R. Mason: Tenby, 1851. pp. [ii], 22, 8vo.

Jones, Thomas Rupert

- 912 On the nature and origin of peat and peat-bogs. [London, 1880]. cover-title, pp. 207–250, 8vo.
From the *Proceedings of the Geologists' association*, vol. 6, 1880.

Jones, *sir* Willoughby

- 913 The arterial drainage of Norfolk: a paper read before Section F of the British association . . . , on August 21st, 1868. With additions. Jarrold; Fletcher: Norwich, [1868]. pp. 20, mp. frontis., 8vo.

Jopling, Joseph, *ed.*

see Waistell, Charles. Designs for agricultural buildings. [1826]. 1838

Journal of agriculture, 1843–1868. *see* *Quarterly journal of agriculture*. 1405

Journal of the Bath and West and Southern counties society.
see Bath and West of England Society. 125

Journal of the National institute of agricultural botany. *see* Cambridge—National Institute of Agricultural Botany. 298

Journal of the Royal agricultural society of England. *see* Royal Agricultural Society of England. 1502

Just, John

- 914 On the maturation of grain and farming produce, so as to be most beneficial to the cultivator. Gillett & Moore: Manchester, 1847. pp. 34, 8vo.

From the *Memoirs of the Manchester Literary and philosophical society*, 2nd ser. vol. 8, 1847.

- 915 On the philosophy of farming. In two parts . . . J. Gillett: Manchester, 1846. pp. 43, 8vo.

From the *Memoirs of the Manchester Literary and philosophical society*, 2nd ser. vol. 7, 1846.

Kains-Jackson, Henry. *see* Jackson, Henry Kains-. 862

Kames, Henry Home, *lord*. *see* Home. 817

Kane, *sir* Robert John

- 916 The industrial resources of Ireland. Hodges & Smith, [etc.]: Dublin, [etc.], 1844. pp. xii, 417, 8vo.

see Naper, James L. W. Suggestions for the more scientific and general employment of agricultural labourers, being observations on chapter X of dr. Kane's Industrial resources of Ireland. 1844. 1259

Kay, George

- 917 General view of the agriculture of North Wales. [Comprising the counties of Flintshire, Anglesey, Caernarvonshire, Montgomeryshire, Merionethshire and Denbighshire.] . . . Drawn up for . . . the Board of agriculture [etc.]. J. J. Moir: Edinburgh, 1794. pagination various, 8vo. (sm. 4to.)

The first half-title has a note to the effect that the titles are bound alphabetically; but in this copy they occur in the order given.

Kay-Shuttleworth, Ughtred James, 1st *baron Shuttleworth*. *see* Shuttleworth. 1560

Kebbel, Thomas Edward

- 918 The old and the new English country life: the country clergy, the country gentlemen, the farmers, the peasantry, the eighteenth century. W. Blackwood: Edinburgh and London, 1891. pp. viii, 234, 8vo.

Keith, George Skene

- 919 A general view of the agriculture of Aberdeenshire; drawn up under the direction of the Board of agriculture. A. Brown, [etc.]: Aberdeen, [etc.], 1811. pp. [4], 15, 672, mp. frontis., pls., 8vo.

Pp. vii-viii of the 15-page preliminary sequence are numbered in roman figures.

Kennedy, John

- 920 A treatise upon planting, gardening, and the management of the hot-house, [etc.]. new ed., to which is added, An account of the culture and use of the mangel wurzel, or root of scarcity. J. Moore: Dublin, 1788. pp. xiii, [ii], 462, x, 24, 8vo.

The *Account of the mangel wurzel* has a separate title-page: *An account of the culture and use of the mangel wurzel, or root of scarcity. Translated from the French of the Abbé de Commerell.* 3rd ed. J. Moore: Dublin, 1788. The translation is that of John Coakley Lettsom—cf. 374.

Kennedy, John Pitt

- 921 Correspondence on some of the general effects of the failure of the potato crop, and the consequent relief measures, with suggestions as to the re-construction of the poor law electoral or rateable divisions, [etc.]. A. Thom: Dublin, 1847. pp. [ii], 57, 8vo.

Kennedy, Lewis and Grainger, T. B.

- 922 The present state of the tenancy of land in Great Britain; showing the principal customs and practices between incoming and outgoing tenants; and the most usual method under which land is now held in the several counties. Collected from a survey made in the years 1827 and 1828. J. Ridgway: London, 1828. pp. xii, 384, frontis., 8vo.
- 923 The present state of the tenancy of land in the highland and grazing districts in Great Britain; showing the principal customs & methods under which sheep farms are now held and managed in the several counties; with a brief history of sheep, and facts relative to the state of the British wool growers. Collected from a survey made in 1828 and 1829. J. Ridgway: London, 1829. pp. xvii, [ii], 324, frontis., 8vo.

Kent, Nathaniel

- 924 General view of the agriculture of the county of Norfolk . . . Drawn up for . . . the Board of agriculture [etc.]. C. Macrae: London, 1794. pp. [4], 56, pls., 8vo. (sm. 4to.)
- 925 ——. [Another ed.] With additional remarks from several respectable gentlemen and farmers. Crouse, Stevenson, & Matchett: Norwich; for G. Nicol: London, 1796. pp. xvi, 236, [2], mp. frontis., pls., 8vo.
- 926 ——. [Another issue]. Sherwood, Neely & Jones: London, 1813. pp. xvi, 236, [2], mp. frontis., pls., illus., 8vo.
- 927 Hints to gentlemen of landed property. J. Dodsley: London, 1775. pp. viii, 268, pls., 8vo.
- 928 ——. To which are now first added, supplementary hints. new ed. J. Dodsley: London, 1793. pp. vii, 286, pls., 8vo.

- Kerr, Robert
- 929 General view of the agriculture of the county of Berwick . . . Drawn up for . . . the Board of agriculture . . . and brought down to the end of 1808. R. Phillips: London, 1809. pp. xxxii, 504, 73, 2, [2], mp. frontis., plts., 8vo.
The mp. frontis. is wanting.
- 930 ——. [Another issue]. Sherwood, Neely & Jones: London, 1813. pp. [ii], xxxii, 504, 73, [4], mp. frontis., plt., 8vo.
The title-page is a cancel.
- Kerr, William Alexander
- 931 Peat and its products: an illustrated treatise on peat and its products as a national source of wealth. Begg, Kennedy & Elder: Glasgow, 1905. pp. xvi, 318, frontis., plts., 8vo.
- Kerrison, *sir* Edward Clarence, 2nd bart.
see Acland, *sir* Thomas Dyke, 11th bart. Agricultural education; considered in two letters to *sir* Edward C. Kerrison, bart. 1864. 10
- Kiddle, R.
The practical Norfolk farmer. [Sometimes attributed to R. Kiddle]. [1808]. *see* Practical Norfolk farmer. 1376
- Kinahan, George Henry
- 932 Irish peat: its utility and possibilities. British Mining and Financial Review: London, [1901]. cover-title, pp. 23, 8vo.
- Kinch, Edward
see Cirencester—Royal Agricultural College. Register of the staff and students at the college from 1844 to 1897. [Compiled by C. Bathurst and E. Kinch.] 1898. 339
see Wallace, Robert and Kinch, Edward. The natural and artificial food of Scotch hill sheep. [1884]. *in* 1848
- King, J. Falconer
- 933 Analyses and report of manures & feeding stuffs, by J. Falconer King, with tables: showing the basis on which he values our manures for 1880, [etc.]. J. Clark: Tain, [1881]. pp. 24, 8vo.
Printed for the private use of members of the Easter Ross Farmers' analytical association. pp. 15-24 contain a paper by H. H. Scott: *Artificial manures and how they can be used with profit.*
- King, Thomas
Letter to Samuel Hayes of Avondale, [etc.] *in* Hayes, Samuel. Essays in answer to all the queries on the culture of potatoes. 1797. 766

Kinnaird, George William Fox, 9th baron Kinnaird

see Barty, James Strachan. '*Peter Plough*', pseud. Peter Plough's letters to lord Kinnaird on high farming and free trade. 1850. 115-6

Kirkham, Charles

- 934 Two letters to a friend: the first shewing and demonstrating by law, the rights and privileges of pourallees, or free-heys. The other directing the management of that profitable grass call'd Saint-Foyne, upon barren land, [etc.]. J. Clark: London; W. Thompson: Stamford, 1726. pp. [iv], 36, 8vo.

Kirkpatrick, H.

- 935 An account of the manner in which potatoes are cultivated and preserved, and the uses to which they are applied in the counties of Lancaster and Chester, together with a description of a new variety of the potatoe, peculiarly convenient for forcing in hot-houses and frames. W. Eyres: Warrington; for J. Johnson: London, 1796. pp. [iv], 46, 8vo.

Kirwan, Richard

- 936 The manures most advantageously applicable to the various sorts of soils, and the causes of their beneficial effect in each particular instance. 3rd ed. Vernor & Hood: London, 1796. pp. [iv], 96, 8vo.
- 937 —. 4th ed. Vernor & Hood: London, 1796. pp. 94, 8vo.
Pages 1-2 wanting.

Knapp, John Leonard

- 938 *Gramina Britannica*; or, Representations of the British grasses. With remarks and occasional descriptions. 2nd ed. Longman: London; W. Strong: Bristol, 1842.
127 unnumbered leaves, 119 [i.e. 118] pls., 4to.
The text consists of 5 preliminary leaves, one leaf facing each plate, 2 leaves following the descriptive text for plt. 113, and 2 leaves at the end: all have text on one side of the leaf only. Many plates are mis-numbered, some are un-numbered, and two are misbound. The following plates are wanting: 27, 33, 41, 48, 62, 72.

Knowlson, John C.

- 939 The Yorkshire cattle-doctor and farrier; a treatise on the diseases of horned cattle, calves, and horses, [etc.]. 10th thousand, rev., corrected, and enlarged. Longmans: London; W. Walker: Otley, 1848. pp. xiv, 272, frontis., plt., 8vo.

Knox, William

- 940 Letter addressed to sir John Sinclair . . . respecting the important discovery lately made in Sweden, of a method to extinguish fire, with an account of the process, [etc.]. W. Creech; P. Hill: Edinburgh; J. Debrett; J. Sewell: London, 1793. pp. 32, frontis., 8vo.

Includes: *A treatise on the constituent principles of various simple and compound solutions for extinguishing of fire . . . by Nils Nystrom. Translated from the original Swedish. 1793.*

Krocker, F.

Agricultural chemical analysis. By P. F. Frankland. Founded upon Leitfaden für die agricultur-chemische Analyse, von F. Krockner. 1883. *see* Frankland, Percy Faraday. 634

- 941 The Labourers' friend; or, A few words of advice to the rural peasantry. 3rd ed. J. Ridgway: London, 1830. pp. 16, 8vo.

Labourers' Friends' Society

see Gilbert, M. A. An important problem having been solved by the Labourers' friends' society, is respectfully addressed to the Queen. 1839. 692

Laing, Robert, *jt. author*

see Redhead, William and others. Observations on the different breeds of sheep. By messrs. Redhead, Laing, and Marshall. 1792. 1422

Lambert, James

- 942 The country-man's treasure: shewing the nature, causes, and cure of all diseases incident to cattle . . . Together with . . . methods for improving arable and pasture-lands: the management . . . of fruit-trees, plants and flowers . . . flax, hemp, saffron and licorish: with directions for encreasing and preserving of bees . . . the art of hawking, hunting, angling, and . . . ringing. T. Norris: London, [c. 1715?]. pp. [3]-167, sm. 8vo.

A1 (frontispiece?) wanting. *See* also 1516

Lammermuir Farmer, *pseud.*

A treatise upon breeding, rearing and feeding Cheviot and black-faced sheep. By a Lammermuir farmer [i.e. J. Fairbairn]. 1823. *see* Fairbairn, John. 584

Lamond, Elizabeth, *ed. and trsl.*

see Walter, of Henley. Walter of Henley's Husbandry. The transcripts, translations, and glossary by E. Lamond. 1890. 1857

Lamport, William

- 943 Cursory remarks on the importance of agriculture in its connection with manufactures and commerce, adapted to the present situation of Great Britain. J. Buckland, [etc.]: London; Tucker & Sweetland: Exeter, 1784. pp. v, [ii], 80, 8vo.

Lamson, Frank, *afterwards* Lamson-Scribner, *trsl.*

see Hackel, Eduard. The true grasses. Trsl. by F. Lamson-Scribner and Effie A. Southworth. 1896. 734

Lance, Edward Jarman

- 944 The cottage farmer: containing, plain instructions for the management and cultivation of land divided into suitable allotments, so as to be made beneficial alike to the labourer and the landlord. Dean & Munday: London, [c. 1852]. pp. [ii], 30, frontis., plts., 8vo.

At head of title-page: *Dedicated to the Agricultural employment institution*. List of plates on p. [2] lists three plates in addition to the frontispiece: none of these is present in this copy.

- 945 The golden farmer, being an attempt to unite the facts . . . of geology, chemistry, and botany, with practical operations of husbandmen, to enable them to grow more corn, and increase the employment of the labourer. J. Ridgway for E. J. Lance: London, 1831. pp. 84, [2], frontis., plts., 8vo.

- 946 The hop farmer; or, A complete account of hop culture, embracing its history, laws, & uses; a theoretical and practical inquiry into an improved method of culture . . . To which are added, several useful tables . . . serviceable to the growers . . . and consumers of hops. J. Ridgway, [etc.]: London, 1838. pp. xii, 212, plts., 8vo.

- 947 On the food of plants; in which is considered, -1. The sources from which plants derive the elements of their composition; 2. The mode in which farm-yard dung strengthens the growth of agricultural crops; 3. The mode in which other manures . . . act upon vegetation. To which is added, an essay on the drill husbandry of turnips, [etc.]. Ridgway: London, 1842. pp. [iv], 65, 8vo.

The Land of Nineveh, a fragment. [By sir John Sinclair. 1795?]. *see* Sinclair, sir John, 1st bart. 1595

Land Owner

Rural improvements. By a land owner [i.e. J. Wimpey]. 1775. *see* Wimpey, Joseph. 1931

La Peyrouse, Philippe Isidore Picot de, *baron de Bazus*. *see* Picot de la Peyrouse, Philippe Isidore, *baron de Bazus*. 1340

Large, John

- 948 Secrets of farming. Allen: London; Bull: Swindon, 1863.
pp. xi, 155, 8vo.

Laurence. *see also* Lawrence

Laurence, Edward

- 949 The duty of a steward to his lord, represented under several plain and distinct articles . . . To which is added an appendix, . . . wherein are laid down general rules and directions for the management and improvement of a farm, [etc.]. J. Shuckburgh: London, 1727. pp. [iv], xv, 212, mp. frontis., 4to.

The frontispiece is an engraved map occupying two facing pages before the title-page.

Laurence, John

- 950 A new system of agriculture. Being a complete body of husbandry and gardening, [etc.]. T. Woodward: London, 1726. pp. [xxiv], 456, frontis., pls., fol.

Frontispiece wanting.

- 951 ——. [Another ed.] J. Hyde & E. Dobson; R. Gunne & R. Owen: Dublin, 1727. pp. [xviii], 312, frontis., pls., illus., fol.

Laurie, Arthur Pillans

- 952 The food of plants: an introduction to agricultural chemistry. Macmillan: London & New York, 1895.
pp. ix, 77, illus., sm. 8vo.

Lavergne, Léonce de

- 953 The rural economy of England, Scotland, and Ireland. Translated from the French, with notes, by a Scottish farmer. W. Blackwood: Edinburgh & London, 1855. pp. x, [ii], 400, 8vo.

The name of the translator and editor is not given in the work: the notes, presumably added by him, are mostly signed J.D., but a few are signed T.

Lawes, *sir* John Bennet, 1st bart.

- 954 Exhaustion of the soil, in relation to landlords' covenants, and the valuation of unexhausted improvements. Rogerson & Tuxford: London, 1870. pp. 31, 8vo.

- 955 Fertility. D. Bogue: London, 1881. pp. [iv], 70, 8vo.

- 956 New determinations of ammonia, chlorine, and sulphuric acid, in the rain-water collected at Rothamsted. By *sir* J. B. Lawes, J. H. Gilbert and R. Warington. Clowes: London, 1885.
pp. 21, 8vo.

From the *Journal of the Royal agricultural society of England*, 2nd ser. vol. 19, pt. 2, 1885.

Lawes, *sir* John Bennet, 1st bart.

- 957 On the amount and composition of the rain and drainage-waters collected at Rothamsted. By J. B. Lawes, J. H. Gilbert and R. Warington. Clowes: London, 1882.
pp. iv, 167, illus., 8vo.

From the *Journal of the Royal agricultural society of England*, 2nd ser. vol. 17 & 18, 1881-2.

- 958 On the chemistry of the feeding of animals for the production of meat and manure. Read before the Royal Dublin society, . . . March 31, 1864. [n.p., 1864]. pp. 21, 8vo.

- 959 On the more frequent growth of barley on heavy land. W. Clowes: London, 1875. pp. 20, 8vo.

- 960 Tables for estimating dead weight and value of cattle from live weight. Royal Agricultural Society of England, for the author: London, [c. 1890]. no pagination [pp. 176], obl. sm. 8vo.

- 961 Unexhausted tillages and manures, with reference to the Landlord and tenant (Ireland) act, 1870. J. Falconer: Dublin, 1874. pp. 59, 8vo.

Lawes, *sir* John Bennet, 1st bart., and Gilbert, *sir* Joseph Henry

- 962 Agricultural, botanical and chemical results of experiments on the mixed herbage of permanent grass-land, conducted for many years in succession on the same land. Part 3.—The chemical results—section 1. Dulau, for the Royal Society: London, 1900, pp. 159-210, pls., 4to.

From the *Philosophical transactions of the Royal society of London*. ser. B, vol. 192, 1900.

- 963 Determinations of nitrogen in the soils of some of the experimental fields at Rothamsted, and the bearing of the results on the question of the sources of the nitrogen of our crops. Harrison: London, 1883. pp. 60, 8vo.

Read in the Chemical section, American association for the advancement of science, Montreal, 1882.

- 964 Experiments on ensilage, conducted at Rothamsted; season 1884-5. Harrison: London, 1886. pp. 58, 8vo.

Note on title-page: This paper is, in the main, a reprint of a series of articles published in the *Agricultural gazette*, 1885.

- 965 The growth of sugar beet and the manufacture of sugar in the United Kingdom. Spottiswoode: London, 1898.

pp. 29, [2], 8vo.

From the *Journal of the Royal agricultural society of England*, 3rd ser. vol. 9, 1898.

- 966 New experiments on the question of the fixation of free nitrogen. (Preliminary notice). [Harrison: London, 1890]. pp. [85]-118, 8vo.

From the *Proceedings of the Royal society*, vol. 47, 1890.

- Lawes, *sir John Bennet, 1st bart., and Gilbert, sir Joseph Henry*
 967 On agricultural chemistry, especially in relation to the mineral theory of baron Liebig. W. Clowes: London, 1851.
 pp. [ii], 41, plt., 8vo.
 From the *Journal of the Royal agricultural society of England*, vol. 12, 1851.
- 968 On some points in the composition of soils; with results illustrating the sources of the fertility of Manitoba prairie soils. Harrison: London, [1885]. pp. [380]–422, 8vo.
 Read before the Chemical section, British association for the advancement of science, Montreal, 1884. From the *Journal of the Chemical society*, vol. 47, 1885.
- 969 On the composition of foods, in relation to respiration and the feeding of animals. Taylor & Francis: London, 1853.
 pp. 35, 8vo.
 From the *Report of the British association for the advancement of science* for 1852.
- 970 On the composition of the ash of wheat-grain, and wheat-straw, grown at Rothamsted, in different seasons, and by different manures. Harrison: London, 1884. pp. 105, plts., 8vo.
 From the *Journal of the Chemical society*, vol. 45, 1884.
- 971 On the home produce, imports, and consumption of wheat. Longmans: London, 1868. pp. 40, plt., 8vo.
 From the *Journal of the Royal agricultural society of England*, 2nd ser. vol. 4, 1868.
- 972 On the present position of the question of the sources of the nitrogen of vegetation, with some new results, and preliminary notice of new lines of investigation. Preliminary notice. Harrison: London, 1887. pp. [ii], [108]–116, 8vo.
 From the *Proceedings of the Royal society*, vol. 43, 1888.
- 973 On the present position of the question of the sources of the nitrogen of vegetation, with some new results, and preliminary notice of new lines of investigation. Trübner, for the Royal Society: London, 1889. cover-title, pp. 107, la. 4to.
 From the *Philosophical transactions of the Royal society*, ser. B, vol. 180, 1889.
- 974 On the valuation of unexhausted manures. Murray: London, 1886. pp. 24, 8vo.
 From the *Journal of the Royal agricultural society of England*, 2nd ser. vol. 21, 1885.
- 975 Report of experiments on the growth of barley for twenty years in succession on the same land. Clowes: London, 1873.
 pp. 201, plts., 8vo.
 From the *Journal of the Royal agricultural society of England*, 2nd ser. vol. 9, 1873.

- Lawes, *sir* John Bennet, 1st bart., and Gilbert, *sir* Joseph Henry
- 976 Report of experiments on the growth of wheat for twenty years in succession on the same land. Clowes: London, 1864. pp. 109, xli, plts., 8vo.
- 977 Report of experiments on the growth of wheat for the second period of twenty years in succession on the same land. Clowes: London, 1885. pp. 97, plt., 8vo.
- 978 The Rothamsted experiments; being an account of some of the results of the agricultural investigations conducted at Rothamsted, in the field, the feeding shed, and the laboratory, over a period of fifty years. W. Blackwood: Edinburgh & London, 1895. pp. [iv], 361, plts., illus., 8vo.
 From the *Transactions of the Highland and agricultural society of Scotland*, 5th ser. vol. 7, 1895. On flyleaf: With Compliments from the Authors, Rothamsted, April 1896.
- 979 The world's wheat supply. Spottiswoode: London, 1898. pp. 16, 8vo.
 Reprint of letter in *The Times*, December 2, 1898.

Lawes Agricultural Trust Committee

- 980 Sir Henry Gilbert's annual report to the Lawes agricultural trust committee, at their meeting held at Burlington house, March 8, 1899. (Abridged). Harrison: London, 1899. pp. 46, 8vo.
 Pages 43-46 are folding tables.

Lawrence, *see also* Laurence

Lawrence, B.

- 981 The complete cattle-keeper, or, Farmer's and grazier's guide in the choice and management of neat cattle and sheep . . . Hints to dairymen, on the best construction of the cow-house, or stable; . . . a description of the internal structure of neat cattle, and of their digestive system, [etc.]. Dean & Munday: London, [c. 1830]. pp. 336, frontis., plts., 8vo.

Lawrence, John

- 982 Lawrence's agricultural and veterinary works; comprehending a body of useful and practical knowledge of every material object in the culture of the soil, and the management of live stock. Sherwood, Neely & Jones: London, 1810. 5 vol., 8vo.
- 983 A general treatise on cattle, the ox, the sheep, and the swine: comprehending their breeding, management, improvement and diseases. H. D. Symonds: London, 1805. pp. [viii], 639, [8], 8vo.

Lawrence, John

- 984 The history and delineation of the horse, in all his varieties . . . with a particular investigation of . . . the race-horse, and . . . the turf, [etc.]. J. Cundee, Albion Press; J. Scott: London, 1809. pp. iv, [5]–288, [4], frontis., pls., la. 4to.

With additional engraved title and dedication pages.

- 985 The new farmer's calendar; or, Monthly remembrancer, for all kinds of country business: comprehending all the material improvements in the new husbandry, with the management of live stock . . . By a farmer and breeder [i.e. John Lawrence]. 2nd ed., with considerable additions. H. D. Symonds, [etc.]: London, 1801. pp. vi, [ii], 554, [6], frontis., 8vo.

- 986 A philosophical and practical treatise on horses and on the moral duties of man towards the brute creation. T. N. Longman: London, 1796–98. 2 vol., 8vo.

Vol. 1 only.

- 987 A practical treatise on breeding, rearing, and fattening, all kinds of domestic poultry, pheasants, pigeons, and rabbits . . . 4th ed., with additions, on . . . swine – on milch cows . . . and on bees [etc.]. By Bonington Moubray [*pseud.*, i.e. John Lawrence]. Sherwood, Neely & Jones: London, 1822. pp. xii, 312, frontis., 8vo.

see Curtis, William. Practical directions for laying down or improving meadow and pasture land. 7th ed., with additions by J. Lawrence. 1834. 438

see Vial de Saint Bel, Charles. The sportsman, farrier and shoemsmiths new guide. [Ed.] by J. Lawrence. [1796?]. 1820

Lawrence, Richard

- 988 An inquiry into the structure & animal oeconomy of the horse; comprehending the diseases to which his limbs & feet are subject, with . . . a method for ascertaining his age until his twelfth year. To which is added, an attempt to explain the laws of his progressive motion, on mechanical and anatomical principles. 2nd ed., rev. and corrected. Knott & Lloyd: Birmingham; G. & W. Nicol; L. B. Seeley: London, [c. 1803]. pp. [ii], [v]–xxiv, 224, pls., 8vo.

The title-page is a cancel.

Lawrence, William T.

- 989 Agriculture: elementary course. Adapted to the syllabus of the South Kensington Science department. W. & R. Chambers: London & Edinburgh, 1891. pp. 184, illus., 8vo.

The Laws respecting commons and commoners. 2nd ed. By the author of The laws of landlord and tenant [i.e. J. B. Bird]. 1806. see Bird, James Barry. 160

Laus, Peter

- 990 The prize essay of the Newcastle-upon-Tyne farmers' club, on draining strong clays. F. & W. Dodsworth, [etc.]: Newcastle-upon-Tyne, [etc.], 1850. pp. 21, frontis., pls., 8vo.

Lawson, A.

- 991 The farmer's practical instructor; shewing all the latest and most approved methods of cultivating the vegetable & animal productions of agriculture [etc.]. Mackenzie & Dent: Newcastle-upon-Tyne, 1827. pp. viii, [9]-571, frontis., pls., 8vo.

Lawson, Peter, and son

- 992 The agriculturist's manual; being a familiar description of the agricultural plants cultivated in Europe, including practical observations respecting those suited to the climate of Great Britain; and forming a report of Lawson's agricultural museum . . . By Peter Lawson & son, seedsmen and nurserymen [etc.]. W. Blackwood, [etc.]: Edinburgh, [etc.], 1836. pp. xv, 430, [2], 8vo.

On title-page: To Mr. Robt. Hogg with the Authors' compts.

- 993 The Lawsonian collection. Synopsis of the vegetable products of Scotland in the museum of the Royal botanic gardens of Kew. P. Lawson & Son: Edinburgh, 1852. pp. viii, [v]-xx, 138, 128, 64, 80, 72, 83, frontis., 8vo.

Lawson, Stephen

- 994 An essay on the use of mixed and compressed cattle fodder, for feeding and fattening horses, oxen, cows, sheep, hogs or pigs, [etc.]. Richardson; Debrett: London, 1797. pp. [ii], ii, [3]-88, 8vo.

Lawson, William, and others

- 995 Ten years of gentleman farming at Blennerhasset, with co-operative objects. By William Lawson, Charles D. Hunter, and others. 2nd ed. Longmans: London, 1875. pp. xi, 408, pls., 8vo.

Layard, Daniel Peter

- 996 An essay on the nature, causes, and cure of the contagious distemper among the horned cattle in these kingdoms. J. Rivington, [etc.]: London, 1757. pp. xxii, [ii], 134, [2], 8vo.

Leatham, Isaac

- 997 General view of the agriculture of the East riding of Yorkshire, and the Ainsty of the city of York . . . Drawn up for . . . the Board of agriculture [etc.]. W. Bulmer: London, 1794. pp. 68, pls. (incl. mp.), 8vo. (sm. 4to.)

- Le Couteur, sir John**
- 998 On the varieties, properties and classification of wheat. P. Payne: Jersey; Shearsmith: London, 1836. pp. [iv], viii, 122, pls., 8vo.
- 999 On the varieties, properties, and classification of wheat. 2nd ed. W. J. Johnson: London; C. Le Feuvre: Jersey, 1872. pp. xxxii, [35]–189, pls., 8vo.
With ms. inscription by the author.
- Le Fevre, Charles Shaw, 1st viscount Eversley**
- 1000 Remarks on the present state of agriculture, in a letter addressed to his constituents. new ed. J. Ridgway: London, 1836. pp. [iv], 39, 8vo.
see Blacker, William. Review of Charles Shaw Lefevre, esq.'s Letter to his constituents, as chairman of the Select committee appointed to inquire into the present state of agriculture. 1837. 169
- Legard, George**
- 1001 On the farming of the East riding of Yorkshire. Prize report. W. Clowes: London, 1848. pp. [ii], 54, illus. (incl. mp.), 8vo.
From the *Journal of the Royal agricultural society of England*, vol. 9, 1848.
- Le Lorrain de Vallemont, Pierre**
- 1002 Curiosities of nature and art in husbandry and gardening. Containing several new experiments in the improvement of land, trees, fruits, [etc.]. [Translated anonymously from the French of Pierre Le Lorrain de Vallemont.] D. Brown, [etc.]: London, 1707. pp. [xvi], 352, frontis., pls., 8vo.
The title-page is a cancel. This translation is sometimes attributed to Bishop Fleetwood, apparently through a misreading of Weston, p. 48: but there seems to be no good authority for this attribution, nor for that of Arber (T.C. iii, 573, etc.) and Watt, who name one Arthur Young (*not* the Secretary of the Board of Agriculture) as author or translator.
- Lennox, Charles Gordon, 5th duke of Richmond**
see Baxter, John, publisher. Baxter's Library of practical agriculture. With memoir of the duke of Richmond [By F. P. Walesby]. 2 vol. 1846. 130
- Lennox, Charles Henry Gordon-, 6th duke of Richmond, 1st duke of Gordon**
- 1003 Speech . . . on presenting the Contagious diseases (animals) bill . . . in the House of Lords, [etc.]. Clowes; Trübner: London, 1878. pp. [ii], 19, 8vo.

Leonard, Patrick

- 1004 A series of calculations, with explanatory introduction, written . . . to facilitate the sale of stock by live weight. Freeman's Journal: Dublin, 1888. pp. 78, 8vo.

Pages 9-78 are printed on the recto of the leaf only.

Leslie, William

- 1005 General view of the agriculture of the counties of Nairn and Moray . . . Drawn up for the Board of agriculture [etc.]. Sherwood, Neely, & Jones: London, 1813.
pp. viii, 536, mp. frontis., pls., 8vo.

Lester, William

- 1006 The economy of the barn; or, A dialogue between a farmer and an economist on the separation and preservation of corn . . . with microscopical [*sic*] drawings of the different corns and their chaffs . . . Also appropriate descriptions of a complete set of new machines for making a perfect separation invented by the author. Whittingham & Rowland: London, 1811.
pp. iv, 42, [2], frontis., pls., 4to.

Letheby, Henry

- 1007 The sewage question: . . . a series of . . . investigations into the condition of the principal sewage farms and sewage works of the kingdom . . . Reprinted, with additions, from the Medical press and circular. Baillière, Tindall & Cox: London, 1872.
pp. viii, 204, 8vo.

Pages [v]-viii wrongly bound between pp. 202 and 203.

- 1008 A Letter from a crow to mr. Cobden. Translated from the original by a Northamptonshire squire. [n.p., c. 1844].
pp. 4, 8vo.

In AGRICULTURAL PROTECTION SOCIETY. Tracts issued up to 1844. 20.

A Letter on the construction and use of the improved foot plough. By an Essex farmer. 1784. *see* Essex Farmer, *pseud.* 575

A Letter to lord Clive, on the great benefits which may result to the publick by forming an experimental farm. [By Arthur Young.]. 1767. *see* Young, Arthur, 1741-1820. 1992

- 1009 A Letter to . . . lord Somerville . . . late President of the Board of agriculture, with a view to shew the inutility of the plans and researches of that institution, and how it might be employed in others more beneficial. With remarks on the recent communications of the Board, and a review of the pamphlets of Arthur Young and William Brooke upon the present high price of provisions. By a society of practical farmers. G. Cawthorne, [etc.]: London; P. Hill: Edinburgh, 1800.
pp. [iv], 141, [2], 8vo.

- A **Letter to the farmers of England**, on the relationship of manufactures and agriculture. By one who has whistled at the plough [i.e. A. Somerville]. 1843. *see* Somerville, Alexander. 1638
- A **Letter to the King** on the present crisis of the national affairs. [Signed Veritas]. 1850. *see* Veritas, *pseud.* 1818
- Letters and papers on agriculture, planting, &c. selected from the correspondence-book of the Society instituted at Bath [etc.]. *see* Bath and West of England Society. 123
- 1010 **Letters by a farmer**: originally published in the Belfast Evening post; with several alterations and additions. J. Magee: Belfast, 1787. pp. vi, 138, 8vo.
- 1011 **Letters to the Lincolnshire graziers**, on the subject of the wool trade; in which are offered, certain hints, for the correction of abuses which prevail therein. Newcomb & Peat: Stamford; Mr. Baldwin: London, 1790. pp. 32, 8vo.
The date is misprinted on the title-page as MDCCLXC.
- Lettsom, John Coakley
- 1012 **Hints for promoting a bee society**. Darton & Harvey: London, 1796. pp. [ii], 7, 8vo.
see Commerell, de, *abbé*. An account of the culture and use of the mangel wurzel. 2nd ed., ed. by J. C. Lettsom. 1787. 374
see Kennedy, John. A treatise upon planting. To which is added, An account of the mangel wurzel. 1788. 920
- Lewis, John
- 1013 **Uniting and monopolizing farms** plainly proved disadvantageous to the land-owners, and highly prejudicial to the public, [etc.]. 3rd ed., with additions. Burrell & Bransby: Ipswich; for Longman & Rees: London, 1801. pp. [ii], x, [11]-53, 8vo.
The **Library of agricultural and horticultural knowledge**. 2nd ed. 1832. *see* Baxter, John, *publisher.* 129
- Library of useful knowledge** [of the Society for the diffusion of useful knowledge]. *see* Society for the Diffusion of Useful Knowledge
- Liebault, John, *jt. author*
see Estienne, Charles. *Maison rustique, or The countrie ferme.* Compiled by Charles Stevens and John Liebault. 1600. 576
- Liebig, Justus, *freiherr von*
- 1014 **Familiar letters on chemistry**, and its relation to commerce, physiology, and agriculture. Edited by John Gardner. 3rd ed. Taylor & Walton: London, 1845. pp. x, 181, 8vo.

Liebig, Justus, *frñherr von*

- 1015 Letters on modern agriculture. Edited [and translated from the German] by John Blyth. Walton & Maberly: London, 1859. pp. xxviii, 284, 8vo.
- 1016 Principles of agricultural chemistry, with special reference to the late researches made in England. [Edited and translated by William Gregory]. Walton & Maberly: London, 1855. pp. vii, 136, 8vo.
see Lawes, sir John Bennet, 1st bart., and Gilbert, sir Joseph Henry. On agricultural chemistry, especially in relation to the mineral theory of baron Liebig. 1851. 967

Lincolnshire

A farming tour, or hand book on the farming of Lincolnshire. By a Lindsey yeoman. 1854. *see* Lindsey Yeoman, *pseud.* 1020

Lincolnshire Grazier, *pseud.*, i.e. T. H. Horne. *see* Horne, Thomas Hartwell. 823

Lincolnshire Graziers

Letters to the Lincolnshire graziers, on the subject of the wool trade. 1790. *see* Letters . . . 1011

Lindesay, Patrick

- 1017 The interest of Scotland considered, with regard to its police in employing of the poor, its agriculture, its trade, its manufactures, and fisheries. [By P. Lindesay]. T. Woodward; J. Peele: London, 1736. pp. [xvi], xxxv, 256, [4], 8vo.
Sometimes attributed to William Seton, apparently through a confusion with his *The interest of Scotland in three essays*. 1700.

Lindley, John

- 1018 Descriptive botany: or, The art of describing plants correctly in scientific language. For self-instruction, and the use of schools. 11th ed. Bradbury, Agnew: London, [c. 1875]. pp. 31, illus., 8vo.
- 1019 [The vegetable kingdom; or, The structure, classification and uses of plants, illustrated upon the natural system. Bradbury & Evans: London, 1846]. pp. lxxviii, 908, frontis., illus., 8vo.
Wanting pp. i-vi and frontis.: p. viii wrongly numbered vii. Title supplied from L.C.

Lindsey Yeoman, *pseud.*

- 1020 A farming tour, or hand book on the farming of Lincolnshire. By a Lindsey yeoman. Simpkin, Marshall: London; J. G. Caborn: Market Rasen, 1854. pp. vi, [7]-52, [2], frontis., 8vo.
The frontispiece consists of a folding map with a plate facing it.

Linnaeus, Carl

see Carruthers, William. On the original portraits of Linnaeus. [1906]. 322

- Lisle, Edward
- 1021 Observations in husbandry. J. Hughs for C. Hitch & L. Hawes, [etc.]: London, 1757. pp. xvi, 450, [4], frontis., 4to.
- 1022 List of sheep marks for the counties of Aberdeen, Banff, Forfar, Kincardine, Elgin and Moray, Nairn, and Inverness. Compiled by a committee of sheep farmers. Free Press Office: Aberdeen, 1897. pp. 224, 8vo.
- Little, John
- 1023 Practical observations on the improvement and management of mountain sheep, and sheep farms: also, remarks on stock of various kinds. Macredie, Skelly & Muckers: Edinburgh; Longman: London, 1815. pp. [iv], iii, iv, [9]-198, 8vo.
- Live stock handbooks, ed. by J. Sinclair. *see* Sinclair, James, *gen. ed.*
- Liveings, Thomas
see Trowell, Samuel. A new treatise of husbandry. To which are added, several letters to mr. Thomas Liveings, concerning his compound manure for land, with some practical observations thereon. 1759. 1774
- Liverpool, Robert Banks Jenkinson, 2nd earl of. *see* Jenkinson
- Livingston, Robert R.
- 1024 An essay on sheep, intended chiefly to promote the introduction and propagation of merinos in the United states of America . . . Printed by order of the legislature of the State of New York. With a preface and explanatory notes by William Cobbett. J. Budd; R. Bagshaw: London, 1811.
 pp. [xxxii], 247, frontis., plt., 8vo.
- Lloyd, Frederick James
- 1025 The science of agriculture. Longmans: London, 1884.
 pp. vi, [ii], 365, illus., 8vo.
- Lloyd, Richard W.
- 1026 A practical treatise on agriculture, [etc.]. Whittaker, Treacher: London; Harding: Chester, 1853. pp. vi, [7]-52, 8vo.
- Lloyd, Thomas and Turnor, David
- 1027 General view of the agriculture of the county of Cardigan . . . Drawn up . . . for . . . the Board of agriculture [etc.]. W. Smith: London, 1794. pp. 37, 8vo. (sm. 4to.)
- Loch, James
- 1028 An account of the improvements on the estates of the marquess of Stafford, in the counties of Stafford and Salop, and on the estate of Sutherland. With remarks. Longman: London, 1820.
 pp. [iii]-xx, 256, 118, plts. (incl. mps.), 8vo.

- Lock, Alfred George**
- 1029 *Agriculturists their own superphosphate makers.* 2nd ed. T. G. Gutch: Southampton, 1865. pp. 26, frontis., plts., 8vo.
- 1030 *The true art of manuring: a reply to mr. Spooner's lectures, at Winfrith and Botley.* Harrison: London, 1868. pp. [ii], 44, 8vo.
- Loder, Robert**
- 1031 Robert Loder's farm accounts, 1610-1620. Edited for the Royal historical society by G. E. Fussell. (*Camden 3rd series*, 55). Royal Hist. Soc.: London, 1936. pp. xxxi, 207, frontis., plt., 8vo.
- Lois Weedon** husbandry. By the author of *A word in season to the farmer* [i.e. Samuel Smith]. 1856. *see* Smith, Samuel, 1794-1867, *vicar of Lois Weedon.* 1623
- London**—Metropolitan Board of Works
- 1032 *The agricultural value of the sewage of London examined in reference to the principal schemes submitted to the Metropolitan board of works. With extracts from the evidence of chemists, engineers, and agriculturists.* E. Stanford: London, 1865. pp. [vi], 78, mp. frontis., 8vo.
- London Tradesman, pseud.**
- 1033 *Corn laws. An appeal to tradesmen in town and country. By one of themselves.* J. Ollivier: London, 1844. pp. 8, 8vo.
Text signed: A London tradesman. *In* AGRICULTURAL PROTECTION SOCIETY. Tracts issued up to 1844. 20.
- Long, Harold Cecil**
- 1034 *Plants poisonous to live stock.* 2nd ed., rev. (*Cambridge Agricultural Monographs*). University Press: Cambridge, 1924. pp. vi, [ii], 120, frontis., 8vo.
On flyleaf: With the author's Compliments & Greetings. H. C. Long.
- 1035 *Poisonous plants on the farm.* (*Ministry of Agriculture and Fisheries, Miscellaneous Publications*, 57). H.M.S.O.: London, 1927. pp. 58, plts., 8vo.
- 1036 ———. 2nd ed. (*Ministry of Agriculture and Fisheries, Bulletin* 75). H.M.S.O.: London, 1938. pp. v, 106, plts., illus., 8vo.
- 1037 *Weed suppression by fertilizers and chemicals.* H. C. Long: Surbiton, 1934. pp. 57, plts., illus., 8vo.
On cover: With the author's compliments.
- 1038 *Weeds of arable land.* 2nd ed. (*Ministry of Agriculture and Fisheries, Bulletin* 108). H.M.S.O.: London, 1938. pp. v, 215, plts., illus., 8vo.
- 1039 *Weeds of grass land.* 2nd ed. (*Ministry of Agriculture and Fisheries, Bulletin* 41). H.M.S.O.: London, 1938. pp. v, 156, frontis., plts., illus., 8vo.

- Long, Harold Cecil and Fenton, E. Wyllie
 1040 The story of the bracken fern. H. C. Long: Hinchley Wood, Surrey, [1938]. pp. 24, plt., illus., 8vo.
 From the *Journal of the Royal agricultural society of England*, vol. 99, 1938.
- Long, Harold Cecil and Macdowall, Robert Kennedy
 1041 Some chemical methods of weed destruction. H. C. Long: Surbiton, [1935]. pp. 24, illus., 8vo.
 From the *Journal of the Royal agricultural society of England*, vol. 96, 1935.
- Long, James
 1042 The book of the pig: its selection, breeding, feeding, and management. L. U. Gill: London, 1886.
 pp. viii, 360, frontis., pls., illus., la. 8vo.
- 1043 British dairy-farming. to which is added a description of the chief continental systems. Chapman & Hall: London, 1885.
 pp. xii, 505, illus., 8vo.
- 1044 The dairy farm. W. H. Allen: London, 1889.
 pp. xiv, [ii], 115, frontis., pls., 8vo.
- 1045 Farming in a small way. Smith, Elder: London, 1881.
 pp. vi, [ii], 372, 8vo.
 A handbook for farmers and small holders. By James Long and other experts. Edited by John Watson. 1892. *see* Watson, John. 1873
- 1046 Modern dairy-farming: a manual for all who are engaged or about to embark in the production, manufacture or sale of dairy produce. Bazaar, Exchange and Mart Office: London, [1916]. pp. [xvi], 131, illus., 8vo.
- Long, James and Benson, John
 1047 Cheese and cheese-making, butter and milk. With special reference to continental fancy cheeses. Chapman & Hall: London, 1896. pp. viii, 150, 8vo.
- Long, James and Morton, John Chalmers
 1048 The dairy. (*Morton's Handbooks of the Farm*, 7). 3rd ed., rev. and brought up to date. Vinton: London, 1892.
 pp. vi, [ii], 148, illus., 8vo.
- Lorrain, Pierre de, i.e. Pierre Le Lorrain de Vallemont. *see* Le Lorrain de Vallemont, Pierre. 1002
- Loudon, mrs. Jane, born Webb
 Useful and ornamental planting, with an index. [Sometimes attributed to mrs. Loudon]. 1852. *see* Sinclair, George, 1580
see Loudon, John Claudius. Cottage, farm and villa architecture and furniture. A new ed., by mrs. Loudon. [c. 1870]. 1050

Loudon, John Claudius

- 1049 An account of the paper roofs used at Tew Lodge, Oxon; so decidedly preferable for churches, warehouses, and agricultural buildings, in point of economy, durability, and elegance. 2nd ed. J. Harding; Longman: London, 1811. pp.12, frontis., 8vo.
- 1050 Cottage, farm, and villa architecture and furniture. With analytical and critical remarks on the designs. A new ed., edited by mrs. Loudon. F. Warne: London; Scribner, Welford & Armstrong: New York, [c. 1870].
pp. xxiv, 1517, illus., 8vo.
- 1051 An encyclopaedia of agriculture; comprising . . . the valuation, transfer, laying out, improvement, and management of landed property; and the cultivation and economy of the animal and vegetable productions of agriculture, [etc.]. Longman: London, 1825. pp. xvi, 1226, illus., 8vo.
- 1052 An immediate and effectual mode of raising the rental of the landed property of England; and rendering Great Britain independent of other nations for a supply of bread corn, [etc.]. By a Scotch farmer now farming in Middlesex [i.e. J. C. Loudon]. Longman: London, 1808. pp. 157, 8vo.
- 1053 Observations on laying out farms, in the Scotch style, adapted to England. Comprising an account of the introduction of the Berwickshire husbandry into Middlesex and Oxfordshire, [etc.]. J. Harding: London, 1812.
pp. [iv], 9-16, [19]-105, frontis., pls., fol.
42 plates are listed in the Table of contents: Nos. 13-15 and 35 are wanting, two different plates bear the number 39, and several are misbound.
- 1054 Self-instruction for young gardeners, foresters, bailiffs, land-stewards, and farmers; in arithmetic and book-keeping, geometry, mensuration, and practical trigonometry . . . With examples, showing their application to horticultural and agricultural purposes. With a memoir of the author [by mrs. Loudon]. Longmans: London, 1845.
pp. lii, 240, frontis., illus., 8vo.
- 1055 A treatise on the culture of wheat, recommending a system of management founded upon the successful experience of the author. By a practical farmer [i.e. J. C. Loudon]. J. Harding: London, 1812. pp. xx, 258, [2], 8vo.
This book, on which Loudon's name does not appear, is not mentioned in the lists of Loudon's works in mrs. Loudon's memoir, in his *Encyclopaedia of agriculture* or the D.N.B.; but internal evidence makes it virtually certain that it is by him.

Loudon, John Claudius

- 1056 The utility of agricultural knowledge to the sons of the landed proprietors of England, and to young men intended for estate agents: illustrated by what has taken place in Scotland. With an account of an institution formed for agricultural pupils in Oxfordshire. By a Scotch farmer, and land-agent, resident in that county [i.e. J. C. Loudon]. [etc.]. J. Harding: London, 1809. pp. 27, 8vo.

Louis, D. A., *trsl.*

see Wagner, Paul. How are nitrogen and phosphoric acid to be obtained in the cheapest way? 1892. 1836

Lovat, E.

- 1057 A sketch of the rural economy of the county of Lancaster, on subjects relative to the husbandry, with hints for its improvements. T. Rickard: Burnley, 1831. pp. 83, 8vo.
On p. 19 is a reference to a map, but no map is present in this copy.

Lover of his Country

An essay on ways and means for inclosing . . . Scotland. By a lover of his country [i.e. William Mackintosh]. 1729. *see* Mackintosh, William. 1103

Low, David

- 1058 The breeds of the domestic animals of the British isles, described by David Low, and illustrated with plates . . . from a series of portraits from life . . . by W. Shiels. Longmans: London, 1842. 2 vol. [in 1], pls., fol.
Three additional illustrations inserted, of which one is an original water-colour of a heifer, signed and dated W. Pruiys, 1817.
- 1059 Elements of practical agriculture; comprehending the cultivation of plants, the husbandry of the domestic animals, and the economy of the farm. 2nd ed. Longman: London; A. & C. Black: Edinburgh, 1838. pp. xvi, 719, illus., 8vo.
- 1060 ——. 3rd ed. Longmans: London; A. & C. Black: Edinburgh, 1840. pp. xvi, 721, illus., 8vo.
- 1061 Observations on the present state of landed property, and on the prospects of the landholder and the farmer. A. Constable: Edinburgh; Hurst, Robinson: London, 1823.
pp. viii, 126, [2], 8vo.
- 1062 On landed property, and the economy of estates: comprehending the relation of landlord and tenant, . . . farm buildings, enclosures, drains, [etc.]. Longmans: London, 1844.
pp. xii, 680, illus., 8vo.

Low, David

- 1063 On the domesticated animals of the British islands: comprehending the . . . species and varieties, . . . external form; and . . . principles and practice of breeding. Longmans: London, [c. 1846]. pp. cxv, 767, frontis., illus., 8vo.

Wanting the frontispiece and pp. [iii-iv].

Lowe, Alexander

- 1064 General view of the agriculture of the county of Berwick . . . [with an appendix by Arthur Bruce]. Drawn up for . . . the Board of agriculture [etc.]. B. Millan: London, 1794. pp. 136, pls. (incl. mp.), 8vo. (sm. 4to.)

Lowe, Edward Joseph

- 1065 A natural history of British grasses. 3rd ed. J. C. Nimmo: London, 1891. pp. viii, 245, frontis., pls., la. 8vo.

Lowe, Joseph

- 1066 The present state of England in regard to agriculture, trade, and finance; with a comparison of the prospects of England and France. Longman; J. Richardson: London, 1822. pp. [iv], [vii]-xxiv, 352, 130, 8vo.

Lowe, Robert

- 1067 General view of the agriculture of the county of Nottingham . . . Drawn up for . . . the Board of agriculture [etc.]. C. Macrae: London, 1794.

pp. 128, [2], plt. (mp.), illus., 8vo. (sm. 4to.)

- 1068 ——. [Another ed.]. G. Nicol: London, 1798.

pp. xii, 192, mp. frontis., illus., 8vo.

Mp. frontis. bound to face p. 1.

- 1069 ——. [Another issue]. Sherwood, Neely & Jones: London, 1815.

Luccock, John

- 1070 The nature and properties of wool, illustrated: with a description of the English fleece. E. Baines; J. Heaton: Leeds; J. Harding: London, 1805. pp. [ii], ii, [3]-360, [2], pls., 8vo.

The plates are folding tables.

- 1071 An essay on wool, containing a particular account of the English fleece. With hints for its improvement, addressed to the grower, dealer, and manufacturer. J. Harding: London, 1809. pp. [iv], [vi], [iv], [3]-360, pls., 8vo.

A re-issue, with new title-page and preliminaries, of his *The nature and properties of wool*. The second sequence of pagination contains a preface (pp. i-ii), and table of contents (pp. iii-vi): the third sequence (pp. i-iv) contains the same table of contents in a different setting. Then follow the plates, which are folding tables, and which should be bound at pp. 148 and 338.

- Lundy, John James
- 1072 Rinderpest, its prevention and cure; and Gypsum (or sulphate of lime), its advantages as a manure, deodoriser, and sanitary agent. W. P. Nimmo: Edinburgh; Simpkin, Marshall: London, 1865. pp. 20, 8vo.
- 1073 ——. [Another copy.]
In ms. on title-page: Proof. This copy differs slightly in text and typography from 1072, but has the same imprint and collation.
- Lupton, J.
- 1074 Hints on manures, together with sundry observations on husbandry, addressed to farmers; designed to make an improvement in agriculture. F. Hobson: Leeds; Whittaker, Treacher & Arnot: London, 1829. pp. [iv], 68, sm. 8vo.
- Lupton, James Irvine
An essay on the diseases and management of cattle, sheep, and pigs. *in* Miles, William J. Modern practical farriery. [1868?]. 1196
see Walsh, John Henry. 'Stonehenge', *pseud. and* Lupton, James Irvine. The horse, in the stable and the field. 1861. 1856
- Lydgate, John
- 1075 A lytell treatyse of the horse, the sheep, and the ghoos. Printed at Westminster by Wynkyn de Worde, about 1499. University Press: Cambridge, 1906.
no pagination [pp. v + 24 collotype pls.], illus., 1a. 8vo.
Facsimile of the copy from Bishop Moore's library in the University Library, Cambridge. 250 copies only printed.
- M., G. *see* Markham, Gervase. 1129–36
- M., J., *esq.*, *F.R.S.*
The whole art of husbandry. By J.M., *esq.*, *F.R.S.* [i.e. John Mortimer]. 1707. *see* Mortimer, John. 1231
- McAlpine, Archibald N.
- 1076 How to know grasses by the leaves. Preface by Robert Wallace. D. Douglas: Edinburgh, [1890]. pp. vi, 3–92, pls., sm. 8vo.
see Stebler, Friedrich Gottlieb *and* Schröter, Carl. The best forage plants. Trsl. by A. N. McAlpine. 1889. 1664
- McBride, J. A.
- 1077 Anatomical outlines of the horse. 2nd ed., rev. and enlarged, by T. Walton Mayer. Baily: Cirencester; Longmans: London, [1878]. pp. [iv], 231, frontis., pls., 8vo.
- M'Combie, William
- 1078 Cattle and cattle-breeders. 2nd ed., rev. W. Blackwood: Edinburgh & London, 1869. pp. [viii], 135, 8vo.

McConnell, Primrose

- 1079 The agricultural depression. McCorquodale: London, 1887.
pp. 27, 8vo.
- 1080 Agricultural education. McCorquodale: London, 1890.
pp. 23, 8vo.
- 1081 The elements of farming. 2nd ed. (*Morton's Hand Books of the Farm*). Vinton: London, 1896. pp. vi, [ii], 149, 8vo.
- 1082 Note-book of agricultural facts & figures for farmers and farm students. C. Lockwood: London, 1883.
pp. [xii], [x], 283, v, [xii], obl. sm. 8vo.
The first 12 and the last 12 pages are ruled for the insertion of notes. 8 of the ruled pages contain notes, mainly in the handwriting of W. F. Perkins.

MacCulloch, John

- 1083 The Highlands and Western isles of Scotland, containing descriptions of their scenery and antiquities, . . . political history and ancient manners, and of the origin, language, agriculture . . . of the people, &c. &c. &c. founded on . . . journeys between . . . 1811 and 1821 . . . in letters to sir Walter Scott. Longman: London, 1824. 4 vol., 8vo.

M'Derment, James

- 1084 The farmer's assistant, or ready reckoner; and land, hay, and cattle measurer. 2nd ed., improved and greatly enlarged. J. Dick, [etc.]: Ayr, [etc.], 1839. pp. [v], 7-207, illus., 8vo.

M'Donald, A.

- 1085 An essay upon raising and dressing flax and hemp, and winning their seeds, &c. in all its branches, [etc.]. W. Creech: Edinburgh, 1784. pp. [ii], 69, 8vo.

McDonald, Donald

- 1086 Agricultural writers, from sir Walter of Henley to Arthur Young, 1200-1800. Reproductions in facsimile and extracts from their actual writings, enlarged and revised from articles which have appeared in *The Field*, from 1903 to 1907. To which is added an exhaustive bibliography. H. Cox, Field Office: London, 1908. pp. [viii], 228, illus., la. 8vo.
At the back is a typed list by W. F. Perkins of 92 authors omitted from McDonald's bibliography.

Macdonald, Duncan George Forbes

- 1087 Cattle, sheep, and deer. Containing also remarks on the game laws and grouse moors. 3rd ed. Steel & Jones: London, 1872.
pp. [iv], vii, 745, [ii], xci, [2], frontis., 8vo.
- 1088 Practical hints on farming and estate management. 2nd ed. [The author]: London, 1864. pp. x, [ii], 73, 8vo.

- Macdonald, Duncan George Forbes
- 1089 What the farmers may do with the land; or, Practical hints for their and its improvement. 2nd ed. H. Adams: London, 1852. pp. 51, 8vo.
- Macdonald, James, *A.M.*
- 1090 General view of the agriculture of the Hebrides, or Western isles of Scotland . . . together with a separate account of the principal islands; comprehending their resources, fisheries, manufactures, manners, and agriculture. Drawn up under the direction of the Board of agriculture. A. Smellie: Edinburgh; for sir R. Phillips, [etc.]: London, [etc.], 1811. pp. vii, 824, pls. (incl. mps.), 8vo.
The title-page is a cancel. Plates wanting.
- Macdonald, James, 1852-1915, and Sinclair, James
- 1091 History of Hereford cattle. Vinton: London, 1886. pp. [viii], 580, frontis., pls., 8vo.
- 1092 History of polled Aberdeen or Angus cattle, giving an account of the origin, improvement, and characteristics of the breed. W. Blackwood: Edinburgh & London, 1882. pp. xiv, [ii], 459, pls., 8vo.
- Macdonald, James, 1852-1915, *ed.*
see Stephens, Henry. The book of the farm. 4th ed., rev. by J. Macdonald. 3 vol. 1891. 1668
- McDougall Brothers
- 1093 The bot or ox warble fly. Description and habits, with proof of the immense damage to cattle, their produce and hides. With practical suggestions for prevention and cure. Compiled by McDougall brothers. W. Kent: London, [1886]. cover-title, pp. 15, illus., 8vo.
- McDougall, Alexander
- 1094 The cattle plague: its prevention and cure. Simpkin, Marshall: London; D. Kelly: Manchester, [c. 1865]. pp. [ii], 14, 8vo.
- 1095 On the preservation of the natural manures. A lecture, [etc.]. Whittaker: London; Kelly & Slater: Manchester, 1856. pp. 28, [4], 8vo.
- 1096 On the preservation of farm-yard and natural manures, and the health of stock. A lecture [etc.]. 2nd ed., rev. Simpkin Marshall: London; T. J. Day: Manchester, [c. 1873]. pp. 40, [8], 8vo.
- MacDowall, Robert Kennedy, *jt. author*
see Long, Harold Cecil and MacDowall, Robert Kennedy. Some chemical methods of weed destruction. [1935]. 1041

M'EvoY, John

- 1097 Statistical survey of the county of Tyrone . . . drawn up . . . for . . . the Dublin society. Graisberry & Campbell: Dublin, 1802. pp. xix, 209, 95, plt. (mp.), illus., 8vo.

Macfarlan, Duncan, *jt. author*

see Whyte, Andrew *and* Macfarlan, Duncan. General view of the agriculture of the county of Dumbarton. 1811. 1910

Macintosh, William, *of Borlum*

see Mackintosh, William. 1103

MacIvor, Ralph W. Emerson

- 1098 The chemistry of agriculture. With appendices . . . by N. Taylor, . . . G. Gordon . . . [and] baron von Mueller. Stillwell: Melbourne, 1879. pp. xvi, 275, [4], 8vo.

Mackenzie, *sir* Francis Alexander, *5th bart., of Gairloch*

- 1099 Hints for the use of Highland tenants and cottagers. By a proprietor [i.e. *sir* Francis Mackenzie]. R. Carruthers: Inverness, 1838. pp. 273, frontis., pls., 8 $\frac{1}{2}$ vo.

The English title-page followed by a Gaelic one. Text in English and Gaelic.

Mackenzie, *sir* George Steuart, *7th bart., of Coul*

- 1100 A general survey of the counties of Ross and Cromarty; drawn up for . . . the Board of agriculture. R. Phillips: London, 1810. pp. xi, 575, mp. frontis., illus., 8vo.

- 1101 A treatise on the diseases and management of sheep; with introductory remarks on their anatomical structure; and an appendix, containing documents exhibiting the value of the merino breed of sheep, and their progress in Scotland. J. Young: Inverness; for A. Constable: Edinburgh, 1809. pp. viii, [9]–180, pls., 8vo.

On title-page: To the Earl of Selkirk with kind and respectful Compts from *sir* G. McK.

Mackie, William

- 1102 Disquisitions on the influence of soil and climate, in improving the nourishing quality of vegetables. In which it is proved, I. That the quality of malt does not depend so much upon the weight of the barley as on the soil and climate in which it has been produced and, II. That malt of the growth of Scotland is much inferior to that of England, and other warmer climates, or more fertile soils. W. Creech: Edinburgh, 1786. pp. 34, 8vo.

Mackintosh, William

- 1103 An essay on ways and means for inclosing, fallowing, planting, &c. Scotland; and that in sixteen years at farthest. By a lover of his country [i.e. William Mackintosh]. Mr. Freebairn: Edinburgh; Mr. Millar: London, 1729.
pp. lii, [iv], 355 [i.e. 355], plt., 8vo.

The author's name is frequently given as Borland or Roland Mackintosh or Macintosh, but he was really William Mackintosh of Borlum; c.f. *Notes & Queries*, 7th ser. ii, 30, 1886.

A treatise concerning the manner of fallowing of ground in Scotland. [Sometimes attributed to William Mackintosh]. 1724. *see* Maxwell, Robert. 1174.

M'Nab, Robert

- 1104 The North British cultivator: a treatise on gardening, agriculture, and botany. J. Dewar & T. Richardson: Perth, 1842.
pp. viii [i.e. x], 400, 8vo.

M'Neven, William James, *transl.*

see Geissau, Anton Ferdinand von. Essay on the construction and use of a mine-auger. 1788. 670

Maconochie, Allan, *lord Meadowbank*

- 1105 Directions for preparing manure from peat. Instructions for foresters. A. Constable; Manners & Miller: Edinburgh; Longman: London, 1815. pp. [iv], 98, 8vo.

M'Parlan, James

- 1106 Statistical survey of the County Leitrim . . . drawn up for . . . the Dublin Society. Graisberry & Campbell: Dublin, 1802.
pp. 7, [8], 116, plt. (mp.), 8vo.
- 1107 Statistical survey of the county of Donegal . . . drawn up . . . for . . . the Dublin society. Graisberry & Campbell: Dublin, 1802. pp. xv, 127, plt. (mp.), 8vo.
- 1108 Statistical survey of the country of Mayo . . . drawn up . . . for . . . the Dublin society. Graisberry & Campbell: Dublin, 1802.
pp. xvi, 168, plt. (mp.), illus., 8vo.
- 1109 Statistical survey of the county of Sligo . . . drawn up . . . for the Dublin society. Graisberry & Campbell: Dublin, 1802.
pp. xix, 122, plt. (mp.), 8vo.

Magistrate

Spade cultivation, tried for ten years on an estate in Wiltshire. By a magistrate for the counties of Hants and Wilts [i.e. Richard Pollen]. 1830. *see* Pollen, Richard. 1360

Magne, Jean Henri

- 1110 How to choose a good milk cow; or, A description of all the marks by which the milking qualities of cows may be ascertained. [Translated from the French]. With a supplement, on the dairy cattle of Britain . . . by John Haxton. Blackie: Glasgow, [etc.], 1857.
pp. [iv], iv, [5]-184, 4, frontis., pls., sm. 8vo.

Main, James

- 1111 Illustrations of vegetable physiology, practically applied, to the cultivation of the garden, the field, and the forest, [etc.]. W. Orr: London, 1853. pp. xiii, 328, illus., sm. 8vo.
- 1112 The young farmer's manual: showing the practice and principles of agriculture as applicable to turnip-land farms, in the south of England; with collateral observations, and remarks on agricultural cattle, plants, implements, &c. &c. Ridgway: London, 1859. pp. xi, 274, 8vo.

Malcolm, Jacob, *jt. author*

see Malcolm, William, *and others*. General view of the agriculture of the county of Buckingham. 1794. *and* General view of the agriculture of the county of Surrey. 1794. 1114-5

Malcolm, James

- 1113 A compendium of modern husbandry, principally written during a survey of Surrey made at the desire of the Board of agriculture; illustrative also of the best practices in the neighbouring counties, Kent, Sussex, [etc.]. C. & R. Baldwin: London, 1805. 3 vol., 8vo.
- see* Malcolm, William, *and others*. General view of the agriculture of the county of Buckingham. 1794. *and* General view of the agriculture of the county of Surrey. 1794. 1114-5

Malcolm, William *and others*

- 1114 General view of the agriculture of the county of Buckingham . . . by messrs. William[,] James and Jacob Malcolm. Drawn up for . . . the Board of agriculture [etc.]. C. Macrae: London, 1794. pp. 65, 8vo. (sm. 4to.)
- 1115 General view of the agriculture of the county of Surrey . . . By mr. William James and mr. Jacob Malcolm. Drawn up for . . . the Board of agriculture [etc.]. C. Macrae: London, 1794. pp. 95, pls., 8vo. (sm. 4to.)

The incorrect wording of the title-page of the Surrey survey has led to the general attribution of this work to a none-existent author named William James, in collaboration with Jacob Malcolm. James Malcolm, in the preface to vol. 1 of *A compendium of modern husbandry* (1113), states explicitly that the survey of Surrey was by his father (William), his brother (Jacob) and himself. Lacking the first two pages of the preliminaries.

- Malden, Walter James
- 1116 British sheep and shepherding. Macdonald & Martin: London, [1915]. pp. [viii], v, 239, pls., illus., 8vo.
- 1117 The conversion of arable land to pasture. (*Agricultural Series*). K. Paul: London, 1898. pp. viii, 190, 8vo.
- 1118 Farm buildings and economical agricultural appliances. (*Agricultural Series*). K. Paul: London, 1896. pp. 192, illus., 8vo.
- 1119 The potato in field and garden. W. A. May (Mark Lane Express): London, 1895. pp. xii, 217, pls., illus., 8vo.
- 1120 Rational pig keeping to ensure profit, [etc.]. (*Farm, Field and Fireside Series*, 1). W. A. May: London, [c. 1895]. pp. 132, pls., illus., 8vo.
- 1121 Sheep raising and shepherding: a handbook of sheep farming. L. U. Gill: London, 1899. pp. viii, 160, pls., illus., 8vo.
- 1122 Tillage. (*Bell's Agricultural Series*). G. Bell: London, 1891. pp. x, 156, illus., 8vo.
- 1123 Workman's technical instructor. (*Morton's Handbooks of the Farm*, 10). 2nd ed. Vinton: London, 1896. pp. [iv], 165, illus., 8vo.

Management

On the management of farm stock in health and disease, and more especially of dairy cows. By a Scottish tenant-farmer. 1866. *see* Scottish Tenant-Farmer, *pseud.* 1538

Mangoldwurzel, Jeremiah, *pseud.*

- 1124 Farming: or, Tenants versus landlords, protection versus free trade, and common sense versus nonsense. W. Ridgway: London, 1879. pp. [iv], 31, illus., 8vo.

Mansell, Alfred

- 1125 The formation of pure-bred flocks and their subsequent management. W. Cooper: Berkhamsted, 1893. pp. [iv], 62, illus., 8vo.

Mansell, Alfred, *and co.*

- 1126 Annual circular, 1892-1895. Home, foreign, and colonial farm produce, quantity and value. Estimated value of live stock in the United Kingdom. A. Mansell: Shrewsbury, [1895]. cover-title, pp. 23, 8vo.

Mantach, Alexander G. A.

- 1127 Grain tables, shewing the weight of any number of quarters from 1 to 100 at the natural weights of 38 lbs. to 66½ lbs. per bushel, rising by ½ lbs. 2nd ed. J. Watson: Elgin, 1886. pp. [ii], 62, sm. 4to.

Manure

Cheap manure produced by the newly discovered methods of burning clay. 2nd ed. 1822. *see* Cheap manure . . . 328

Manwaring, George Ernest, *comp.*

Catalogue of the library of the Royal agricultural society of England. 1918. *see* Royal Agricultural Society of England. 1500

Manwaring, H. M.

- 1128 A treatise on the cultivation and growth of hops, in the Kent style, [etc.]. The author: [Worcester]; Whittaker: London, 1855. pp. [vi], 56, frontis., 8vo.

The last gathering (pages 55-56) is tipped in at the back of the book: it contains data relating to the years 1855-64 and was evidently printed in 1864 or 1865.

Markham, Gervase

- 1129 Cheape and good husbandry for the well-ordering of all beasts, and fowles, and for the generall cure of their diseases, [etc.]. 3rd ed. T. S. for R. Jackson: London, 1625. pp. [xxii], 179, illus., 8vo. (sm. 4to.)

S.T.C. 17358. Second leaf of the preliminaries (¶2) wanting. *followed by*

- 1130 Markhams farewell to husbandry; or, The inriching of all sorts of barren and sterile grounds in our kingdome, [etc.]. Newly reviewed, corrected and amended: together with many new additions, and cheape experiments. M.F. for R. Jackson: London, 1625. pp. [viii], 160, illus., 8vo. (sm. 4to.)

S.T.C. 17375.

- 1131 The English husbandman, drawne into two bookes, and each booke into two parts, [etc.]. Newlie reviewed, corrected, and enlarged. H. Taunton: London, 1635. pp. [vi], 227, [vi], 96, illus., 8vo. (sm. 4to.)

S.T.C. 17358. Pt. 2 has a separate title-page: *The second booke of the English husbandman. Contayning the ordning of the kitchen-garden, [etc.]. Whereunto is added a treatise, called Good mens recreation, [etc.]. By G. M. J. Norton for H. Taunton: London. 1635. Imperfect, B1-4 (pp. 1-8 of first arabic sequence) and pt. 5 (The pleasures of princes and Good mens recreation) are wanting.*

- 1132 The inrichment of the Weald of Kent: or, A direction to the husband-man, for the true ordering, manuring, and inriching of all the grounds within the wealds of Kent and Sussex, and may generally serve for all the grounds in England of that nature . . . Revised, enlarged, and corrected, [etc.]. N. Okes for J. Harison: London, 1631. pp. [iv], 24, 8vo. (sm. 4to.)

S.T.C. 17364.

Markham, Gervase

- 1133 [Markham's maister-peece: containing, all knowledge belonging to a smith, farrier, or horse-leach, . . . divided into two books . . . Now newly imprinted . . . and augmented, [etc.]. N. Okes, for R. Whitakers: London, 1625].
pp. [14], 565, pls., illus., 8vo. (sm. 4to.)
S.T.C. 17377a. Imperfect, wanting title-page and all before p. 1, pp. 319-320, 481-482 and 545-564, pls. facing p. 242 and at p. 565. Section Ll (pp. 513-528) wrongly paginated: several other pp. wrongly numbered. Title supplied from B.M. copy: imprint supplied from t.p. to Bk. 2, p. [229].
- 1134 ———. Now the eighth time newly imprinted, corrected, and augmented, [etc.]. W. Wilson for G. Sawbridge: London, 1656. pp. [xvi], 591, [20], plt., illus., 8vo. (sm. 4to.)
Wing M 660. Wanting pp. [i-ii] of preliminaries (A1) and the plate. With additional engraved title-page facing the printed one.
- 1135 [The second booke of the English husbandman]. Contayning the ordering of the kitchin-garden . . . Whereunto is added a treatise, called Good mens recreation, [etc.]. T.S. for J. Browne: London, 1615. pp. [x], 205 [i.e. 105], 8vo. (sm. 4to.)
S.T.C. 17356a. Black Letter. Lacks pt. 2 (*Pleasures of princes, or Good mens recreation*). Part of title-page and of other preliminary leaves missing: words missing from t.p. supplied from B.M. copy.
- 1136 [A way to get wealth: containing sixe principall vocations . . . in which every good husband or house-wife may lawfully imploy themselves . . . The first five bookes gathered by G.M. [i.e. Gervase Markham]. The last by master W.L. [i.e. William Lawson]. The sixth time corrected and augmented by the authour. E.G. for J. Harison: London, 1638.]
6 pt., 8vo. (sm. 4to.)
S.T.C. 17397. General title-page and t.p. to *Cheape and good husbandry* wanting: title supplied from B.M. copy. Each part has its own t.p. and pagination. The parts are:
1. [Cheape and good husbandry. The sixth edition. 1631]. S.T.C. 17340.
2. Country contentments. The fifth edition. 1633. S.T.C. 17345.
3. The English house-wife. 1637. S.T.C. 17354.
4. The inrichment of the weald of Kent. 1636. S.T.C. 17365.
5. Markhams Farewell to husbandry. The fourth time revised. 1638. S.T.C. 17375.
6. A new orchard and garden. [By William Lawson]. 1638. (No separate S.T.C. no.)
Parts arranged 3, 2, 1, 4, 5, 6, as now bound.

Marsh, John B.

- 1137 Hops and hopping. Simpkin, Marshall: London; De Montfort Press: Leicester, 1892. pp. [xii], 81, [6], frontis., illus., 8vo.
With additional title-page in colour lithography.

Marshall, T. W.

Boundaries and fences in their legal aspect. *in* Vernon, Arthur. Estate fences: their choice, construction and cost. And a chapter on Boundaries and fences in their legal aspect, by T. W. Marshall. 1899. 1819

Marshall, William

- 1138 Experiments and observations concerning agriculture and the weather. J. Dodsley: London, 1779.
pp. [xlv], 205, [2], frontis., plt., 4to.
- 1139 General view of the agriculture of the Central Highlands of Scotland . . . Drawn up for . . . the Board of agriculture [etc.]. T. Wright: London, 1794. pp. 68, 8vo. (sm. 4to.)
- 1140 Minutes of agriculture, made on a farm of 500 acres of various soils, near Croydon, Surrey . . . published as a sketch of the actual business of a farm . . . and as an overture to scientific agriculture. J. Dodsley: London, 1778.
pp. [312 unnumbered], [ii], 151, pls., 4to.
- 1141 Minutes, experiments, observations, and general remarks, on agriculture, in the southern counties; a new edition. To which is prefixed, A sketch of the vale of London, and an outline of its rural economy: now first published. G. Nicol, [etc.]: London, 1799. 2 vol., 8vo.
- 1142 On the landed property of England, an elementary and practical treatise; containing the purchase, the improvement, and the management of landed estates. G. & W. Nicol, [etc.]: London, 1804. pp. xx, 444, [8], illus., 4to.
- 1143 On the management of landed estates: a general work; for the use of professional men: being an abstract of the more enlarged Treatise on landed property, recently published. Longman: London, 1806. pp. xvi, 448, frontis., illus., 8vo.
- 1144 A review of the reports to the Board of agriculture; from the northern department of England: comprizing Northumberland, Durham, Cumberland, Westmoreland, Lancashire, Yorkshire; and the mountainous parts of Derbyshire, &c. T. Wilson: York; for Longman: London, 1808.
pp. xlvii, 556, plt. (mp.), 8vo.
Pages 14-15 of the preliminaries are numbered in arabic figures.
- 1145 A review of the reports to the Board of agriculture; from the western department of England: comprising Cheshire, Flintshire, Shropshire, Herefordshire, Worcestershire, Gloucestershire, north Wiltshire, north Somersetshire. T. Wilson: York; for Longman: London, 1810. pp. xxiii, 556, 8vo.

Marshall, William

- 1146 A review of the reports to the Board of agriculture; from the eastern department of England: comprising Lincolnshire, Norfolk, Suffolk, and northeast Essex; with the marshes and fens of Yorkshire, north Lincolnshire, south Lincolnshire, Northamptonshire, Huntingdonshire, Cambridgeshire, Norfolk, and Suffolk. T. Wilson: York; for J. Harding: London, 1811. pp. xii, 552, 8vo.
- 1147 A review (and complete abstract) of the reports to the Board of agriculture; from the midland department of England: comprising Staffordshire, Derbyshire, Nottinghamshire, Leicestershire, Rutlandshire, Warwickshire, Huntingdonshire, Northamptonshire, Oxfordshire, Buckinghamshire, Bedfordshire, and a principal part of Cambridgeshire. T. Wilson: York; Longman: London, 1815. pp. xi, 652, 8vo.
- 1148 A review (and complete abstract) of the reports to the Board of agriculture; from the southern and peninsular departments of England: comprising Hertfordshire, Berkshire, Middlesex, south Essex, south Wiltshire, southeast Somerset, Dorsetshire, Hampshire, Surrey, Kent, Sussex, Cornwall, Devonshire, west Somersetshire. T. Wilson: York; Longman: London, 1817. pp. ix [i.e. xi], 612, 8vo.
- The 5 preceding volumes, nos. 1144-8, form a series, published in the order in which they appear here.
- 1149 The rural economy of Gloucestershire; including its dairy: together with the dairy management of north Wiltshire; and the management of orchards and fruit liquor, in Herefordshire. 2nd ed. G. Nicol, [etc.]: London, 1796. 2 vol., 8vo.
- 1150 The rural economy of Norfolk: comprising the management of landed estates, and the present practice of husbandry in that county. 2nd ed. G. Nicol, [etc.]: London, 1795. 2 vol., 8vo.
- 1151 The rural economy of the midland counties; including the management of livestock, in Leicestershire and its environs: together with minutes on agriculture and planting in the district of the midland station. 2nd ed. G. Nicol, [etc.]: London, 1796. 2 vol., 8vo.
- 1152 The rural economy of the southern counties; comprising Kent, Surrey, Sussex; the Isle of Wight; the chalk hills of Wiltshire, Hampshire, &c.: and including the culture and management of hops, in the districts of Maidstone, Canterbury, and Farnham. G. Nicol, [etc.]: London, 1798. 2 vol., 8vo.
- 1153 The rural economy of the west of England: including Devonshire; and parts of Somersetshire, Dorsetshire, and Cornwall. Together with minutes in practice. G. Nicol, [etc.]: London, 1796. 2 vol., 8vo.

Marshall, William

- 1154 The rural economy of Yorkshire. Comprizing the management of landed estates, and the present practice of husbandry in the agricultural districts of that county. T. Cadell: London, 1788. 2 vol., 8vo.
see Redhead, William, and others. Observations on the different breeds of sheep. By messrs. Redhead, Laing, and Marshall. 1792. 1422
see Wright, Thomas, *rector of Ould*. The art of floating land, with a particular examination of what mr. Boswell, mr. Davis, mr. Marshall, and others, have written on the subject. 1799. 1954

Martin, Alexander

- 1155 General view of the agriculture of the county of Renfrew . . . Drawn up for the Board of agriculture [etc.]. C. Clark: London, 1794. pp. 22, pls., 8vo. (sm. 4to.)
Lacks the first leaf (half-title?).

Martin, Martin

- 1156 A description of the Western islands of Scotland, [etc.]. 2nd ed., very much corrected. A. Bell, [etc.]: London, 1716.
pp. xxxi, 392, pls. (incl. mp.), 8vo.

Martin, William Charles Linnaeus

- 1157 Cattle; their breeds, management, & diseases. To which is added, The dairy. Rev. and ed. by William & Hugh Raynbird. new ed. (*Books for the Country*). Routledge, Warne & Routledge: London [and] New York, 1862.
pp. vii, 212, illus., sm. 8vo.

Incorporates two works by Martin previously published separately. The hog. The ox. Poultry. The sheep. *in* The Farmer's library. 2 vol. [1847-48]. 596

- 1158 The pig: how to choose, breed, feed, cut up, & cure. A new ed. entirely rev. and ed. by Samuel Sidney. (*Books for the Country*). G. Routledge: London [and] New York, [1857].
pp. viii, 156, frontis., pls., illus., sm. 8vo.

On cover: *The pig . . . by William Youatt. Enlarged . . . by Samuel Sidney*. This work is, however, only remotely, if at all, related to that by Youatt, q.v. 1967.

- 1159 Sheep: our domestic breeds, & their treatment. (*Books for the Country*). new ed. G. Routledge: London [and] New York, 1858. pp. [iv], 132, frontis., pls., illus., sm. 8vo.

Sheep: domestic breeds and their treatment. new ed., by James Sinclair. [Based on the work of W. C. L. Martin]. 1896.
see Sinclair, James. 1583

Martindale, Adam

- 1160 The country survey-book: or, Land-meter's vade mecum, [etc.].
8th ed. H. Meere for G. Sawbridge: London, 1711.
pp. [xii], 156, pls., sm. 8vo.
The Appendix has a special title-page on p. [121] with imprint:
London, printed in the year 1710.

Martindale, John

- 1161 The farmer's and gardener's guide to the analysis of soils and
manures; and to the practical application of agricultural
chemistry. J. Colling: Sunderland; Darton: London, [1849].
pp. xi [3]-137, frontis., 8vo.
The frontis. takes the form of 2 plates facing one another and
immediately preceding the title-page.

Martineau, Harriet

- 1162 Health, husbandry, and handicraft. Bradbury & Evans: Lon-
don, 1861. pp. viii, 583, illus., 8vo.
1163 Two letters on cow-keeping, addressed to the governor of the
Guilts cross union workhouse. 2nd ed. C. Gilpin, [etc.]: London,
[etc., 1852]. pp. 20, 8vo.

Martyn, Thomas, *ed.*

see Miller, Philip. The gardener's and botanist's dictionary.
2 vol. [in 4]. 1807. 1197

Mascall, Leonard

- 1164 The country-mans new art of planting and grafting: directing
the best way to make any ground good for a rich orchard,
[etc.]. J. Bell: London, 1656.
pp. [x], 70, [2], frontis., illus., 8vo. (sm. 4to.)
Wing M 901.
1165 The government of cattell. Divided into three bookes, [etc.].
T.S. for R. Jackson. London, 1620.
pp. [vi], 251, [2], 8vo. (sm. 4to.)
S.T.C. 17586. The first and last gatherings (A and R) are of 5
leaves only: it seems likely that a leaf is missing in each case.

Massee, George Edward

- 1166 A text-book of plant diseases caused by cryptogamic parasites.
Duckworth: London; Macmillan: New York, 1899.
pp. xii, 458, illus., 8vo.

Massey, W.

- 1167 Potato diseases: how they are caused and how they may be
prevented. W. H. Smith: Llandudno, [1922].
pp. [iv], 45, plt., 8vo.

Masters, Maxwell Tylden

- 1168 Life on the farm. Plant life. (*Handbooks of the Farm*, 5: gen. ed. J. C. Morton). Bradbury, Agnew: London, 1883.
pp. viii, [ii], 142, 8vo.
- 1169 2nd ed. Bradbury, Agnew: London, 1885.
pp. viii, [ii], 142, 8vo.

Mathews, J.

- 1170 Remarks on the cause and progress of the scarcity and dearth of cattle, swine, cheese, &c. &c. and of the articles tallow candles and soap, [etc.]. M. Ritchie [etc.]: London; J. Davis: Bath, 1797. pp. xvi, 234, 8vo.

Mavor, William Fordyce

- 1171 General view of the agriculture of Berkshire. Drawn up for . . . the Board of agriculture [etc.]. R. Phillips: London, 1809. pp. xi, 548, [4], mp. frontis., plts. (incl. maps.), 8vo.
see Tusser, Thomas. Five hundred points of good husbandry. new ed. by W. Mavor. 1812. 1791

Maxwell, George

- 1172 General view of the agriculture of the county of Huntingdon . . . With an appendix; containing an account of the advantages to be derived from an improved outfall at the port of Lynn . . . Drawn up for . . . the Board of agriculture [etc.]. J. Nichols: London, 1793. pp. 47, 8vo. (sm. 4to.)

Maxwell, Robert

- 1173 The practical husbandman: being a collection of miscellaneous papers on husbandry, &c. C. Wright, [etc.]: Edinburgh, [etc.], 1757, pp. x, 432, [4], plt., 8vo.
- 1174 A treatise concerning the manner of fallowing of ground, raising of grass-seeds, and training of lint and hemp, for the increase and improvement of the linnen-manufactories in Scotland. Publish'd for the benefit of the farmers in that kingdom, by the honourable Society for improving in the knowledge of agriculture. [By R. Maxwell]. R. Fleming: Edinburgh, 1724. pp. 175, plts., 8vo.

Probably written or edited by Maxwell, but variously attributed to Richard Bradley and to William Mackintosh of Borlum. Maxwell was one of the earliest and most active members of the Society of Improvers (D.N.B.).

Mayer, Thomas Walton, ed.

see McBride, J. A. Anatomical outlines of the horse. 2nd ed. rev. and enlarged, by T. Walton Mayer. [1878]. 1077

Mayhew, Edward

- 1175 The horse's mouth, showing the age by the form of the teeth, &c. from nine months to thirty years old. Fores: London, [c. 1849]. 16 coloured plates, mounted on a sheet, 19½ ins. × 15½ ins. folding to 5¼ ins. × 4¼ ins.: in cloth case.
An 8vo. ed., with text, which appears to have been issued contemporaneously, is in the British Museum.
- 1176 The illustrated horse management; containing descriptive remarks upon anatomy; medicine; shoeing; teeth; food; vices; stables; . . . points, [etc.]. W. H. Allen: London, 1864. pp. xvi, 612, frontis., illus., 8vo.

Meadowbank, Allan Maconochie, *lord*. *see* Maconochie, Allan, *lord Meadowbank*. 1105

Meager, Leonard

- 1177 The mystery of husbandry: or, Arable, pasture, and wood-land improved . . . To which is added, The countryman's almanack. W. Onley for H. Nelme: London, 1697. pp. [xii], 161, [6], plt., sm. 8vo. (12mo.)
Wing M 1575A. Lacks the plate. With bookplate of Arthur Young (1741-1820).

Mechi, John Joseph

- 1178 Copy of a paper on the subject of British agriculture, read before the Society of arts, [etc.]. Longmans: London, 1850. pp. 51, 8vo.
- 1179 A second paper on British agriculture, with an account of his own operations at Tiptree Hall farm: read before the Society of arts, [etc.]. Longmans: London, 1851. pp. 44, 8vo.
- 1180 Mechi's Experience in drainage; to which are added his letters XVII, XVIII, XIX & XX; likewise his speech on . . . agriculture, delivered to the Wickham-Market farmers' club, . . . 1846. Longmans: London, 1847. pp. v, 48, 8vo.
- 1181 Mr. Mechi's Farm balance-sheets; also, his lectures and papers on farming since the publication of his former book. G. Routledge: London [and] New York, 1867. pp. [ii], vi, 146, 8vo.
- 1182 How to farm profitably; or, The sayings & doings of mr. alderman Mechi. A new ed., with additions. G. Routledge: London [and] New York, [c. 1867]. pp. xxviii, 594, frontis., plts., 8vo.
- 1183 ——. [Another copy, a reprint, c. 1870].
- 1184 On the sewerage of towns as it affects British agriculture. Read before the Central farmers' club, London, . . . 1860. With a copious appendix. Jones & Causton: London, 1860. pp. vi, [8]-92, 8vo.

- Mechi, John Joseph**
 1185 A series of letters on agricultural improvement; with an appendix. Longmans: London, 1845.
 pp. [vi], 122, frontis., pls., illus., 4to.
- Medley, William**
 1186 An address to the agriculturists of the county of Bucks. Baynes & Harris: London, [1834]. pp. [ii], 9, 8vo.
 With autograph inscription by the author.
- Mellis, John Charles, *jt. author***
see Robinson, Henry and Mellis, John Charles. Purification of water-carried sewage. 1877. 1469
- Memoirs of agriculture and other allied arts. By Robert Dossie.**
 1768–82. *see Dossie, Robert. 516*
- Menon, Louis François Henri de, *marquis de Turbilly***
 1187 A discourse on the cultivation of waste and barren lands. Translated from the French of the marquis de Turbilly, for the benefit of the farmers of Great Britain and Ireland, where these uncultivated lands too much abound. Part 1. R. & J. Dodsley: London, 1762. pp. [ii], xv, 111, frontis., 8vo.
- Merino Society**
 1188 The second report of the Merino society. Evans & Ruffy, for the Society: London, 1812. pp. 161, 8vo.
- Method**
 A new method of improving cold, wet, and barren lands: particularly clayey-grounds. [By A. Blackwell]. 1741. *see Blackwell, Alexander. 172*
- Middleton, John**
 1189 View of the agriculture of Middlesex, with . . . several essays on agriculture in general. Drawn up for . . . the Board of agriculture. Accompanied by the remarks of several respectable gentlemen and farmers. G. Nicol [etc.]: London, [etc.], 1798.
 pp. xvii, [2], 597, mp. frontis., pls. (incl. mp.), illus., 8vo.
 1190 ——. 2nd ed. G. & W. Nicol, [etc.]: London, [etc.], 1807.
 pp. xvi, 704, [4], mp. frontis., plt., illus., 8vo.
 Pages 625–640 wrongly bound between pp. 496–7.
 1191 ——. 2nd ed. [Another issue]. Sherwood, Neely & Jones: London, 1813. pp. xvi, 704, mp. frontis., plt., illus., 8vo.
 Map frontis. bound to face p. 1.

Middleton, sir Thomas Hudson

Reports on experiments with crops and stock conducted by the agricultural department of the Durham College of science, Newcastle-on-Tyne, 1900 (01). in *Northumberland—County Council—Technical Education Sub-Committee*. Reports [on agricultural experiments, 1892–1901]. 1893–1902. 1280

see *Aberystwyth—University College of Wales—Agricultural Department*. Annual report on field experiments. By J. A. Murray and T. H. Middleton. [1899]. 3

For reports by T. H. Middleton on the work of the Cambridge University Department of Agriculture, see *Cambridge—University—Department of Agriculture*. 302–6

Mid-Lothian

Abridged report on the state of agriculture in Mid-Lothian. 1795. see *Abridged report* . . . 7

Mid-Lothian Farmer

British agriculture, as illustrated by the accounts of a Mid-Lothian farmer. 1857. see *Bailey, William, jun., and co., Edinburgh*. 88

Milburn, Matthew M.

- 1192 The cow: dairy husbandry and cattle breeding. (*Richardson's Rural Handbooks*). new ed. W. S. Orr: London; J. McGlashan: Dublin, [1852]. pp. viii, [9]–136, frontis., illus., sm. 8vo.

- 1193 ——. [Another ed.]. new ed. Houlston & Wright: London, [c. 1865]. pp. viii, [9]–136, frontis., illus., sm. 8vo.

- 1194 Report on experiments with guano, to which the prize of the Yorkshire agricultural society was awarded. Extracted from the Society's transactions. [etc.]. Simpkin & Marshall, [etc.]: London, [etc.], 1845. pp. 17, 8vo.

- 1195 The sheep and shepherding: embracing the history, varieties, rearing, feeding, and general management of sheep; and including Australian sheep-farming, the Spanish and Saxon merinos, &c. W. S. Orr: London; J. McGlashan: Dublin, [1855?]. pp. vii, [9]–124, frontis., illus., sm. 8vo.

see *Richardson, H. D.* The horse. 1852 and The pests of the farm. 1852. new eds. by M. M. Milburn. 1440–1

Miles, William J.

- 1196 Modern practical farriery; a complete guide to all that relates to the horse . . . Forming a complete system of the veterinary art, as at present practised at the Royal veterinary college, London. To which is added An essay on the diseases and management of cattle, sheep, and pigs, by J. I. Lupton. W. Mackenzie: London, [etc.], [1868?]. pp. 536, 96, vii, iv, frontis., pls., la. 4to.

With an additional title-page, partly in colour lithography.

Miller, John, *formerly* Johann Sebastian Mueller

A general dictionary of husbandry, planting, [etc. Sometimes attributed to J. Miller.]. 2 vol. 1779. *see* General dictionary . . . 671

Miller, Philip

- 1197 The gardener's and botanist's dictionary; containing the best . . . methods of cultivating . . . the . . . garden, . . . of performing the practical parts of agriculture . . . To which are now first added, a complete enumeration and description of all plants . . . The whole corrected and newly arranged . . . by Thomas Martyn. F. C. & J. Rivington, [etc.]: London, 1807. 2 vol. [in 4], fol.
- 1198 The abridgement of the Gardeners dictionary [etc.]. 6th ed., corrected and much enlarged. F. & J. Rivington, [etc.]: London, 1771. no pagination [pp. 927], frontis., plts., 4to.
see Duhamel du Monceau, Henri Louis. The elements of agriculture. Trsl. . . and rev. by P. Miller. 2 vol. 1764. 534

Mills, John

- 1199 An essay on the weather; with remarks on the Shepherd of Banbury's rules for judging of it's [*sic*] changes; and directions for preserving lives and buildings from the fatal effects of lightening. Intended chiefly for the use of husbandmen. 2nd ed., improved. S. Hooper: London, 1773. pp. xv, 127, viii, 8vo.
- 1200 A new and complete system of practical husbandry; containing all that experience has proved to be most useful in farming, either in the old or new method; with a comparative view of both, [etc.]. R. Baldwin, [etc.]: London, 1762-67. 5 vol., 8vo.
see Duhamel du Monceau, Henri Louis. A practical treatise of husbandry. [Trsl. and ed. by J. Mills]. 2nd ed. 1762. 535
see Gyllenborg, Gustaf Adolf, *count*. The natural and chemical elements of agriculture. Trsl. from the Latin . . . by J. Mills. 1770. 730

Milne, David, *afterwards* Milne-Home

- 1201 Observations on the probable cause of the failure of the potato crop in the years 1845 and 1846. W. Blackwood: Edinburgh & London, 1847. pp. [iv], 53, plt., 8vo.
- 1202 Report of a visit to the farms of mr. Rigden, Sussex; rev. mr. Huxtable, Dorset; and mr. Morton, Gloucestershire. With remarks on agricultural improvement. Read to a meeting of the East of Berwickshire farmers' club, [etc.]. Warder Office: Berwick-upon-Tweed; W. Blackwood: Edinburgh and London, 1850. pp. 80, 8vo.

Milne, John, and sons

- 1203 The British farmer's plant portfolio. Specimens of the principal British grasses, forage plants and weeds, with full descriptions. By John Milne & sons, Montrose, N.B. 3rd ed. Simpkin, Marshall: London, 1896.
pp. xi, [56 pp. of mounted specimens], fol.

Ministry of Agriculture and Fisheries

Chronological list of early agricultural works in the library of the Ministry of agriculture and fisheries. 1930. *see* Fussell, George Edwin. 649-50

- 1204 Collected leaflets on diseases of animals. (*Sectional Volume*, 5). 3rd ed. H.M.S.O.: London, 1926. pp. [vi], 110, pls., illus., 8vo.
- 1205 Collected leaflets on insect pests of fruit trees. (*Sectional Volume*, 2). 5th ed. H.M.S.O.: London, 1928.
pp. 107, pls., illus., 8vo.
- 1206 The planning of poultry houses. (*Miscellaneous Publications*, 47). H.M.S.O.: London, 1925. pp. vi, 3-24, vii-x, pls., 8vo.
The plates are in a pocket at the end of the pamphlet.
- Research and the land: an account of recent progress in agricultural and horticultural science in the United Kingdom. By V. E. Wilkins. 1926. *see* Wilkins, Victor Ernest. 1914
- Bulletins:
41. Long, H. C. Weeds of grass land. 1938. 1039
75. Long, H. C. Poisonous plants on the farm. 1938. 1036
108. Long, H. C. Weeds of arable land. 1938. 1038
see also Board of Agriculture and Fisheries

Mirehouse, H. J.

- 1207 Sugar-beet growing in England, as a profitable crop. Taylor & Hawkins, Times & Mirror Office: Bristol, 1891.
pp. 20, illus., 8vo.
- 1208 Miscellaneous dissertations on rural subjects. G. Robinson: London, 1775. pp. xvi, 431, pls., 8vo.
Sometimes attributed to Francis Forbes.
- 1209 Miscellaneous pieces. Consisting of select poetry, and methods of improvement in husbandry, gardening, and various other subjects, useful to families. 3rd ed. R. Goadby: Sherborne; W. Owen: London, 1752-[55]. pp. 474, [8], [2], frontis., 8vo.
Issued in parts at approximately fortnightly intervals. 2 vol. in 1, with continuous pagination. Wanting frontis., title-page to vol. 2 (which should follow p. 264), pp. 473-4 and the final unnumbered leaf.

Mr. Huxtable and his pigs. By Porcius. 1850. *see* Porcius, *pseud.* 1365

Mitchell, G. S.

- 1210 A handbook of land drainage. Principally based upon the requirements of the syllabus issued by the Surveyors' institution. 3rd ed. Land Agents' Record: London, [c. 1910]. pp. [vi], 118, illus., 8vo.
Pages 109–115 contain a bibliography of land drainage.

Mitchell, George

- 1211 The skeleton at the plough, or, The poor farm labourers of the West, with the autobiography and reminiscences of George Mitchell, One from the plough. Edited by Stephen Price. G. Potter: London, [c. 1875]. pp. [vi], 158, 8vo.

Mitchell, James

- 1212 Dendrologia; or, A treatise of forest trees: with Evelyn's Silva, revised, corrected and abridged by a professional planter, and collector of practical notes forty years, [etc.]. R. Aked, [etc.]: Keighley, [etc.], 1827. pp. [ii], 280, pls., illus., 8vo.
- 1213 Sketches on agriculture; or, Farmer's remembrancer, alphabetically arranged, [etc.]. Baldwin & Cradock: London; J. Heaton: Leeds, 1828. pp. xv, 355, plt., 8vo.

Mockett, John

- 1214 Mockett's journal. A collection of interesting matters, relating to remarkable personages, ancient buildings, manners and customs, &c., . . . with observations on agriculture (the result of forty years' experience); and the prices of corn, cattle, and labour, for many hundred years, [etc.]. Kentish Observer: Canterbury, 1836. pp. xvi, 328, 8vo.

Modern bee-keeping. [Prepared by F. R. Cheshire for the British bee-keepers' association]. 2nd ed. 1881. *see* **British Bee-Keepers' Association.** 226

- 1215 The **Modern farmers' guide.** A new system of husbandry, from long experience in several kingdoms . . . To which is prefixed, an abstract of the author's life and travels. By a real farmer. J. Reid: Edinburgh, 1768. 2 vol., 8vo.
- 1216 The **Modern improvements in agriculture.** Containing the principles of tillage and vegetation, and present practice . . . in the culture of corn and pulse, . . . grasses, plants and roots for feeding cattle, [etc.]. Part 1. By a practiser of both the old and new husbandry. J. Wilkie: London, 1774. pp. vii, 158, [2], pls., 8vo.
Sometimes attributed to Francis Forbes.

- Monceau, Henri Louis Duhamel du. *see* Duhamel du Monceau, Henri Louis. 534-5
- Mongredien, Augustus
- 1217 Report on the potato crop in Ireland, for the year 1850. [C. Skipper & East: London, 1850]. pp. 16, 8vo.
- Monk, John
- 1218 An agricultural dictionary, consisting of extracts from the most celebrated authors and papers. G. Woodfall; Whites: London, 1794, 3 vol., 8vo.
- 1219 General view of the agriculture of the county of Leicester . . . Drawn up for . . . the Board of agriculture [etc.]. J. Nichols: London, 1794. pp. 75, pls. (incl. mp.), 8vo. (sm. 4to.)
- Monro, David
- 1220 Landlords' rents and tenants' profits; or, Corn-farming in Scotland. W. Blackwood: Edinburgh & London, 1849. pp. 31, 8vo.
- Montagu, George, *afw.* Montagu-Dunk, 2nd earl of Halifax. *see* Baker, John Wynn. Some hints for the better improvement of husbandry. In a letter to the earl of Halifax. 1762. 96
- Monypenny, David
- 1221 Proposed alteration of the Scottish poor laws, and of the administration thereof, as stated by dr. Alison in his 'Observations on the management of the poor in Scotland,' considered and commented on. W. Whyte: Edinburgh; W. Collins: Glasgow, [etc.], 1840. pp. [ii], 46, 8vo.
- Moore, David
- 1222 Concise notices of British grasses, best suited for agriculture, with preserved specimens of each kind. 3rd ed. J. McGlashan: Dublin, 1851. pp. iv, 80, frontis., fol.
- The specimens are mounted on odd-numbered pages 13 to 77 inclusive. Some are now wanting. Even-numbered pages 12 to 76 inclusive contain descriptions of the grasses.
- Moore, James
- 1223 Dog diseases treated by homeopathy. 3rd ed. J. Epps: London, [c. 1870?]. pp. 180, sm. 8vo.
- Moore, sir Jonas
- 1224 England's interest: or, The gentleman and farmer's friend, [etc.]. A. Bettesworth: London, 1721. pp. 188, [2], sm. 8vo.
- The fourth edition, though not so describing itself.

Mordant, John

- 1225 The complete steward: or, The duty of a steward to his lord. Containing several new methods for the improvement of his lord's estate . . . Also, a new system of agriculture and husbandry, [etc.]. W. Sandby: London, 1761. 2 vol., 8vo.

Moreton, Henry George Francis Reynolds, *2nd earl of Ducie*.
see Baker, Robert. An answer from R. Baker, of Writtle, to earl Ducie. 1844. 97

Moreton, Robert

- 1226 On horse-breaking. Longmans: London, 1877. pp. ix, 157, 8vo.

Morice, Francis

- 1227 An essay on agriculture, and the management of landed estates. A. Brown, [etc.]: Aberdeen, [etc.], 1824.
pp. [ii], x, [9]-559, pls., 8vo.

Morland, Thomas Hornby

- 1228 Every man his own judge: or, Grandeur and utility pointed out in the formation of a horse; comprehended in a . . . description of his several parts, [etc.]. J. Bush: Ipswich, 1792.
pp. vi, [7]-71, 8vo.

Morley, John, *farm bailiff*

- 1229 Cheap & profitable manure, &c. Plain and easy directions for preparing, and method of using an excellent compost for manuring arable, meadow, & pasture lands, . . . discovered solely by John Morley, of Blickling, in the county of Noffolk [*sic*] . . . 3rd ed., revised and corrected [etc.]. Stanhopian Press (Stevenson, Matchett & Stevenson): Norwich; Scatcherd & Letterman, [etc.]: London, 1812. pp. [xx], 118, [10], 8vo.

Morris, Francis Orpen

- 1230 The present system of hiring farm servants in the East riding of Yorkshire, with suggestions for its improvement. Holder-ness: Driffeld [Yorks.]: Groombridge & Sons: London, 1854.
pp. 10, 8vo.

Mortimer, John

- 1231 The whole art of husbandry, or, The way of managing and improving of land, [etc.]. By J.M., esq., F.R.S. [i.e. J. Mortimer]. H. Mortlock; J. Robinson: London, 1707.
pp. [xvi], 609, [50], illus., 8vo.
- 1232 The art of husbandry. Part 2 . . . To which is added a kalendar, . . . with an index to the whole. H. & G. Mortlock; J. Robinson: London, 1712. pp. [iv], 266, [14], 8vo.

Morton, John, 1781-1864

- 1233 On the nature and property of soils: their connexion with the geological formation on which they rest; the best means of permanently increasing their productiveness, and on the rent and profits of agriculture. 2nd ed. J. Ridgway: London, 1840. pp. xix, 358, frontis., 8vo.

Appendix, pp. [251]-328: [1st] *Report of Whitfield example farm, by John Morton*. For the 2nd report, see John Chalmers Morton's *Supplement to The nature and property of soils*. 1239.

see Milne, David. Report of a visit to the farms of mr. Rigden, Sussex; rev. mr. Huxtable, Dorset; and mr. Morton, Gloucestershire. 1850. 1202

Morton, John Chalmers, 1821-1888

- 1234 A cyclopaedia of agriculture, practical and scientific . . . By upwards of fifty of the most eminent practical and scientific men of the day. Ed. by John C. Morton. Blackie: Glasgow, [etc.], 1863. 2 vol., la. 8vo.

- 1235 Handbook of dairy husbandry. (*Agricultural Handbooks*, 1). Longman: London, 1860. pp. [viii], 126, sm. 8vo.

A later ed. was published as *The dairy*, by James Long and J. C. Morton. 1048.

- 1236 Handbook of farm labour. (*Agricultural Handbooks*, 2). Longman: London, 1861. pp. [viii], 132, sm. 8vo.

- 1237 Labour. (*Handbooks of the Farm*, 9; gen. ed. J. C. Morton). Vinton: London, [c. 1887]. pp. vi, [ii], 150, 8vo.

'Virtually a new edition of a work [i.e. 1236] published first twenty years ago, carefully reconsidered and much re-written' (Preface).

- 1238 The Prince Consort's farms: an agricultural memoir. Longman: London, 1863. pp. [xii], 276, illus., 4to.

The sheep: its varieties and management in health and disease. Condensed from Morton's 'Farmers' calendar', 'Mammalia', etc. 1875. see *The Sheep* . . . 1547

- 1239 Supplement to The nature and property of soils. Second report of Whitfield example farm, July, 1842. J. Ridgway: London, 1843. pp. 58, frontis., plt., 8vo.

The nature and property of soils and the first *Report of the Whitfield example farm* were by John Morton, father of J. C. Morton [q.v. 1233].

see Young, Arthur, 1741-1820. Arthur Young's Farmer's calendar. Re-written and extended by J. C. Morton. 21st ed. 1862. 1976

Morton, John Chalmers, *gen. ed.*

Agricultural handbooks. Longman, 1860–61. *see* 1235 & 1236

Handbooks of the farm series. Bradbury, Agnew, 1881–96.

This series was edited after Morton's death in 1888 by James Sinclair. Latterly publication was taken over by Vinton.

1. Warrington, R. The chemistry of the farm. 5rd ed. 1884. 1862
 1. —. 6th ed. [1891]. 1863
 2. Carrington, W. T., and others. The live-stock of the farm. 5rd ed. 1885. 319
 3. Bowick, T., and others. The crops of the farm. 5rd ed. 1886. 205
 4. Scott, J. and Morton, J. C. The soil of the farm. 2nd ed. 1884. 1536
 5. Masters, M. T. Life on the farm: plant life. 1885. 1168
 5. —. 2nd ed. 1885. 1169
 6. Burness, W., and others. The equipment of the farm. 2nd ed. 1886. 280
 7. Long, J. and Morton, J. C. The dairy. 3rd ed. 1892. 1048
 8. Brown, sir G. T. Animal life. [c. 1895]. 233
 9. Morton, J. C. Labour. [c. 1887]. 1237
 10. Malden, W. J. Workman's technical instructor. 2nd ed. 1896. 1123
- [Introductory vol.] McConnell, P. The elements of farming. 2nd ed. 1896. 1081

Morton, John Lockhart

- 1240 The resources of estates: being a treatise on the agricultural improvement and general management of landed property. Longmans: London, 1858. pp. xii, 647, pls., 1a. 8vo.
- 1241 Rich farming and co-operation between landlord and tenant; necessitous expedients in the present agricultural depression. 2nd ed., with appendix. A. & C. Black: Edinburgh, 1851. pp. 37, [ii], 8vo.

Moubray, Bonington, *pseud.* i.e. J. Lawrence *see* Lawrence, John. 987

Mounier, L., *jt. ed.*

see Rubichon, Maurice and Mounier, L., *eds.* On the condition of the agricultural classes of Great Britain and Ireland. 2 vol. 1842. 1508

Mueller, Johann Sebastian, *afterwards* Miller. *see* Miller, John.

Muir, James

- 1242 Agriculture: practical and scientific. Macmillan: London and New York, 1895. pp. xv, 343, illus., 8vo.
- 1243 Manual of dairy work. Macmillan: London & New York, 1895. pp. [vi], 93, sm. 8vo.
- 1244 The utility of sulphate of ammonia in agriculture. Sulphate of Ammonia Committee: London, 1899. pp. 68, 8vo.

- Mullins, Bernard *and* Mullins, M. B.
 1245 The origin and reclamation of peat bog, with some observations on the construction of roads, railways, and canals in bog. S. B. Oldham: Dublin; Whittaker; J. Weale: London, 1846. pp. [iv], 48, pls., 8vo.
- Munnings, Thomas Crowe
 1246 An account of some experiments for drilling and protecting turnips, in the years 1800, 1801 and 1802, together with some miscellaneous observations on agricultural subjects. Bacon, [etc.]: Norwich, [etc.], [1802]. pp. viii, 84, 8vo.
- Munro, John May H.
 1247 Soils and manures. With chapters on drainage and land improvement by John Wrightson. (*Cassell's Agricultural Text-books: gen. ed. J. Wrightson*). Cassell: London, [etc.], 1892. pp. xii, 275, frontis., 8vo.
- Murphy, Edmund
 1248 A treatise on the agricultural grasses. W. Curry: Dublin, 1844. pp. x, [ii], [13]-84, pls., illus., 8vo.
- Murray, Adam
 1249 General view of the agriculture of the county of Warwick . . . Drawn up for . . . the Board of agriculture [etc.]. Sherwood, Neely & Jones: London, 1815. pp. xii, 187, [10], mp. frontis., plt., illus., 8vo.
- Murray, Alexander James
 Diseases of stock of the farm. *in* *Practical farming*: in a series of treatises. 2 vol. [1868]. 1373
- Murray, Gilbert
 1250 Notes on dairy farming. Bemrose: London & Derby, [1876]. pp. 23, frontis., pls., 8vo.
 The frontis. is in the form of a double plate.
- Murray, John, 1786?-1851, *F.S.A.*, *F.L.S.*
 1251 The physiology of plants; or, The phenomena and laws of vegetation. [By John Murray]. J. Murray: London, 1833. pp. xii, 298, [2], frontis., illus., 8vo.
 The frontis. is in the form of two plates facing one another.
- Murray, John Alan *and* Middleton, sir Thomas Hudson
 Annual report on field experiments. [1899]. *see* *Aberystwyth—University College of Wales—Agricultural Department*. 3

- 1252 *Museum rusticum et commerciale: or, Select papers on agriculture, commerce, arts, and manufactures . . . communicated by gentlemen engaged in these pursuits. Revised and digested by several members of the Society for the encouragement of arts, manufactures, and commerce.* R. Davis, [etc.]: London, 1766, 1764-66. 6 vol., 8vo.

Vol. 1 is of the 3rd ed., corrected.

Select essays on husbandry. Extracted from the *Museum rusticum*, [etc.]. 1767. *see* Select essays . . . 1541

Myers, William Joseph, *and co.*

see Gibbs, Anthony *and sons*, *and* Myers, William Joseph, *and co.* Peruvian and Bolivian guano. 1844. 675

Naismith, John

- 1253 *Elements of agriculture; being an essay towards establishing the cultivation of the soil, and promoting vegetation on steady principles.* C. & R. Baldwin: London, 1807.
pp. vi, [ii], 543, [8], 8vo.

- 1254 *General view of the agriculture of the county of Clydesdale . . . Drawn up for . . . the Board of agriculture [etc].* P. Norbury: Brentford, 1794. pp. 82, 8vo. (sm. 4to.)

- 1255 ——. [Another ed.]. J. Mundell: Glasgow, 1798.
pp. [2], 195, [4], mp. frontis., 8vo.

- 1256 ——. [Another ed.]. B. McMillan; for G. and W. Nicol: London, 1806. pp. xix, 252, 2, [2], mp. frontis., 8vo.

- 1257 ——. 2nd ed. Sherwood, Neely & Jones: London, 1815.
pp. xix, 252, 2, [6], mp. frontis., 8vo.

A re-issue, with new title-page, of 1256. Lacks mp. frontis.

- 1258 *Observations on the different breeds of sheep, and the state of sheep farming, in the southern districts of Scotland: being the result of a tour through these parts, made under the direction of the Society for improvement of British wool.* W. Smellie: Edinburgh, 1795. pp. [iv], 75, 4to.

Name

On the name and origin of the merino breed of sheep. 1811.
see On the name . . . 1289

Naper, James L. W.

- 1259 *Suggestions for the more scientific and general employment of agricultural labourers, together with a plan which would enable the landlords of Ireland to afford them suitable houses and gardens, with applotments, at a fair rent, being observations on chapter X of dr. Kane's Industrial resources of Ireland.* W. Curry: Dublin; Ridgeways [*sic*]: London, 1844.
pp. 24, 8vo.

- Napier, William John, *8th baron*
- 1260 A treatise on practical store-farming, as applicable to the mountainous region of Etterick forest, and the pastoral district of Scotland in general. Waugh & Innes, [etc.]: Edinburgh, [etc.], 1822. pp. viii, 280, frontis., plts., 8vo.
On fly-leaf in ms.: From the author.
- National Flax and Agricultural Improvement Association
Extracts from ancient and modern writers on the flax crop. Published for the members of the association. 1844. *see* Warnes, John, *ed.* 1867
- National Institute of Agricultural Botany, Cambridge. *see* Cambridge—National Institute of Agricultural Botany. 298
- National Library of Wales
see Aberystwyth—National Library of Wales. 2
- National Work
The breeds of our different domestic animals, engraved from portraits painted from life by Howe. [By R. Wight]. (*National Work, under the patronage of the Highland Society of Scotland*). 3 pts. [in 1]. 1850, 29, 31. *see* Wight, Robert. 1912
- Neilson System
see Agricola, *pseud.*, and others. Harvesting crops independently of weather: practical notes on the Neilson system of harvesting. 1882. 16
- Nelson, John. '*Senilis*', *pseud.*
- 1261 Pinaceae: being a handbook of the firs and pines. By Senilis [i.e. John Nelson]. Hatchard, for the author: London, 1866. pp. xix, 223, 8vo.
On an additional leaf, following the title-page: 'This work was originally intended for private circulation only; but . . . five hundred additional copies have been printed for sale . . .'
- Nelson, Joseph
- 1262 The farmer's friend: containing a variety of valuable directions for the use of chemical salt as tillage, and of Spanish salve, in the salving of sheep, [etc.]. E. Baines: Leeds; for Sherwood, Neely & Jones: London, 1820. pp. 28, 8vo.
- Nesbit, John Collis
- 1263 The history and properties of the different varieties of natural guanos. Rogerson & Tuxford: London, 1859. pp. 48, 8vo.
- 1264 On agricultural chemistry, and the nature and properties of Peruvian guano. 6th ed. Longman: London, [c. 1860]. pp. [iv], 128, 8vo.
- 1265 On Peruvian guano; its history, composition and fertilizing qualities; with the best mode of its application to the soil. 7th ed. Longman: London, 1852. pp. 40, 8vo.

Nevile, George

- 1266 Farms and farming. Longmans: London, 1884.
pp. viii, [ii], 234, pls., illus., 8vo.

The New farmer's calendar; or Monthly remembrancer. By a farmer and breeder [i.e. John Lawrence]. 2nd ed. 1801. *see* Lawrence, John. 985

- 1267 The New handmaid to arts, sciences, agriculture, &c., containing monthly observations in the orchard, kitchen and flower garden, observations in husbandry, [etc.]. W. Clements, J. Eves & J. Sadler: London, 1793. pp. 96, 8vo.

The bulk of the material is identical with that of *The School of arts, or New book of useful knowledge*. [c. 1795.] 1525

A New method of improving cold, wet, and barren lands. [By A. Blackwell]. 1741. *see* Blackwell, Alexander. 172

- 1268 The New statistical account of Scotland. By the ministers of the respective parishes, under the superintendence of a committee of the Society for the benefit of the sons and daughters of the clergy. [Edited by John Gordon]. W. Blackwood: Edinburgh and London, 1845. 15 vol., 8vo.

- 1269 A New system of agriculture; or, A plain, easy, and demonstrative method of speedily growing rich: proving, by undeniable arguments, that every land-owner, in England, may advance his estate to a double value, in the space of one year's time, [etc.]. By a country gentleman. 2nd ed. A. Millar: London, 1755. pp. 240, sm. 8vo.

- 1270 A New treatise on tillage land, with observations, remarks and experiments to disclose & abolish the present prevailing error in agriculture. Likewise is added, A method or new invention drawn from nature to preserve orchards and other fruit trees from the fatal effects of blights. S. Woolmer: Exeter, 1796. pp. xii, [13]-114, 8vo.

With an engraved title-page, not included in the pagination, and a further engraved title-page to *A new invention . . . of preserving orchards*, after p. 99.

Newby, Thomas

- 1271 Beta depicta, or, Remarks on mangel wurzel, . . . its utility, . . . its culture, and the management in feeding and fattening of cattle. Simpkin & Marshall: London; R. Newby: Cambridge, 1828. pp. x, [ii], 67, frontis., 8vo.

- 1272 Remarks on mangel-wurzel; or root of scarcity, with an exposition on its utility, and directions for its culture. W. Metcalfe: Cambridge; Sherwood, Neely & Jones: London, 1813. pp. [iv], 16, 8vo.

- Newport, George
- 1273 Observations on the anatomy, habits and economy of *Athalia centifoliae*, the saw-fly of the turnip, and on . . . the prevention of its ravages, [etc.]. C. Roworth, for the Entomological Society: London, 1838. pp. 32, plt., 8vo.
- Nicholls, sir George
- 1274 The farmer's guide, compiled for the use of the small farmers and cotter tenantry of Ireland. [By sir George Nicholls]. 2nd ed. A. Thom; Tegg: Dublin, 1842. pp. 191, illus., 8vo.
Cover has imprint: *Thomas Le Mesurier: Dublin, 1844.*
- Nicholls, Henry Alfred Alford
- 1275 A text-book of tropical agriculture. Macmillan: London and New York, 1892. pp. xxi, [ii], 312, illus., 8vo.
- Nichols, James Lawrence, ed.
- 1276 The farmers' manual and complete accountant, [etc.]. Rev. and adapted to Canada by J. E. Hansford. 5th ed. J. L. Nichols: Toronto, [c. 1895]. pp. 388, [4], illus., 4to.
Pages 246-388 are blanks for bookkeeping.
- Nineveh
- The land of Nineveh, a fragment. [By sir J. Sinclair. 1795?].
see Sinclair, sir John, 1st bart. 1595
- Nitrate
- How to use nitrate. [1891, etc.]. *see* Permanent Nitrate Committee. 1328-9
- Niven, Ninian
- Essay on the failure of the potato crops during 1831, 1832, 1833 and 1834. *in* Dublin Society. Prize essays on the potato, and the causes of the late partial failures. 1835. 528
- Noad, Henry Minchin
- 1277 Chemistry in connection with agriculture; being the substance of a course of lectures [etc.]. R. Baldwin: London, 1850. pp. [iv], 116, 8vo.
- Norcliffe, Charles Best, formerly Robinson. *see* Robinson, Charles Best
- Norfolk Farmer
- The practical Norfolk farmer. [1808]. *see* The Practical Norfolk farmer . . . 1376
- Normandy, Alphonse René Mire de
- 1278 The farmer's manual of agricultural chemistry, with instructions respecting the diseases of cereals, and the destruction of the insects which are injurious to those plants. G. Knight: London, 1853. pp. viii, 218, illus., 8vo.

North, Richard

- 1279 An account of the different kinds of grasses propagated in England, for the improvement of corn and pasture lands, lawns and walks, [etc.]. W. Prat: London, [1759]. pp. [vi], 39, 8vo.

Northampton, Spencer Joshua Alwyne Compton, 2nd *marquis of*.
see Compton

Northumberland—County Council—*Technical Education Sub-Committee*

- 1280 Reports [on agricultural experiments carried out under the auspices of the county councils of Northumberland, Durham and Cumberland during seasons 1892–1901]. Various publishers, 1893–1902. 10 pt. [in 1 vol.], 8vo.

1st–8th reports by W. Somerville, 9th and 10th by T. H. Middleton.

Northwich—Salt Chamber of Commerce

The use of salt in agriculture: prize essays published by the Salt chamber of commerce of Northwich. First prize awarded to R. Falk [etc.]. 1863. *see* Falk, Robert. 585

Notes and sketches illustrative of northern rural life in the eighteenth century. By the author of Johnny Gibb of Gushet-neuk [i.e. W. Alexander]. 1877. *see* Alexander, William. 34

Notices of insects that are known to form the bases of fungoid parasites. [By G. R. Gray]. 1858. *see* Gray, George Robert. 710

Nourse, Timothy

- 1281 *Campania foelix*, or A discourse of the benefits and improvements of husbandry: containing directions for all manner of tillage, pasturage, and plantation, [etc.]. T. Bennet: London, 1700. pp. [viii], 354 [i.e. 366], [6], frontis., 8vo.

Wing N 1416. pp. 365, 366 wrongly numbered 353, 354.

Nowell, John

- 1282 Manual of field gardening, or Belgian agriculture explained, describing the routine of certain field garden operations as practised in Sussex and Yorkshire in 1843 and 1844, with explanatory notes and observations. 2nd ed. T. Kemp, [etc.]: Huddersfield, [etc.], 1846. pp. viii, 120, sm. 8vo.

With ms. alterations in text.

Nystrom, Nils

A treatise on the constituent principles of various . . . solutions for extinguishing of fire. *in* Knox, William. Letter addressed to sir John Sinclair respecting the important discovery lately made in Sweden, of a method to extinguish fire. 1793. 940

- Objects and plan of the Woburn experiments. [1878?] and
 Objects, plan and results of the Woburn experiments. [1880].
see Royal Agricultural Society of England. 1503-4
- O'Brien, Augustus Stafford
- 1283 History of the League: . . . in the House of Commons, Wednesday, June 26, 1844, in the adjourned debate on the . . . motion for a repeal of the corn laws. W. Blackwood: London and Edinburgh, 1844. pp. 28, 8vo.
In AGRICULTURAL PROTECTION SOCIETY. Tracts issued up to 1844. 20.
- Observations
- Short observations on a commutation of tithes for government annuities. 1798. *see Short observations . . .* 1559
- Some observations on the premiums given by the Dublin society, for sowing an acre of land with sixteen pounds of wheat. 1764. *see Dublin Society.* 530
- Useful and practical observations on agriculture. By a clergyman. 1783. *see Useful and practical observations . . .* 1802
- Observations on modern gardening. [By T. Whately]. 1770.
see Whately, Thomas. 1894
- 1284 Observations on the present state of agriculture, tithes, poor's rates, and taxes, in England. W. Meggy, [etc.]: Yarmouth, [etc.], 1822. pp. [ii], 38, [2], 8vo.
- O'Connor, Feargus
- 1285 A practical work on the management of small farms. 2nd ed. A. Heywood: Manchester, 1845. pp. iv, [5]-192, 8vo.
- Ogilvie, James
- 1286 Beet root and beet root sugar: a paper read before . . . the Cork literary & scientific society . . . With an appendix, giving full instructions for the culture of beet root, by Wm. K. Sullivan. F. Guy: Cork, [1877]. pp. iv, [5]-52, 8vo.
- Old Norfolk Farmer, *pseud.*, i.e. Samuel Copland. *see Copland, Samuel.* 396-7
- Oliver, John
- 1287 Milk, cheese, and butter: a practical handbook on their properties and the processes of their production. Including a chapter on cream and the methods of its separation from milk. C. Lockwood: London, 1894. pp. xvi, 362, frontis., illus., 8vo.
- Omicron, *pseud.*
- 1288 A few practical directions concerning sanatory [*sic*] arrangements for cities and towns, and improvement in agriculture. [n.p.], 1846. pp. 23, 4, 8vo.
 Introduction signed Omicron.

On the condition of the agricultural classes of Great Britain and Ireland. [Ed. by M. Rubichon and L. Mounier]. 2 vol. 1842. *see* Rubichon, Maurice, and Mounier, L., eds. 1508

On the management of farm stock in health and disease, and more especially of dairy cows. By a Scottish tenant-farmer. 1866. *see* Scottish Tenant-Farmer, *pseud.* 1538

- 1289 **On the name and origin** of the merino breed of sheep. J. Harding: London, 1811. pp. 24, 8vo.

In ms. on title-page: 'By mr. Brougham'. There is no evidence to confirm this attribution, though the style and content of the pamphlet are not inconsistent with Brougham's authorship. It is not mentioned in the *Bibliographical list of lord Brougham's publications* (1873), by R. Thomas.

- 1290 **On the rearing** and fattening of turkeys, geese, & ducks, both for pleasure and profit. By the author of 'Eggs and poultry as a source of wealth'. Virtue; W. Oliver: London, [1866]. pp. viii, 88, frontis., plts., illus., sm. 8vo.

One from the Plough, *pseud.*, i.e. G. Mitchell. *see* Mitchell, George. 1211

One who has whistled at the Plough, *pseud.*, i.e. A. Somerville. *see* Somerville, Alexander. 1638-9

Onely, Richard

An impartial view of English agriculture. [Attributed to R. Onely.] 2nd ed. 1766. *see* An Impartial view . . . 858

- 1291 **The Oracle** of rural life; an almanack for sportsmen, farmers, gardeners, and country gentlemen, for the year 1839. Practical farming, by Nimrod, [etc.]. A. H. Bailly; B. B. King: London, 1839. pp. 96, frontis., plts., 8vo.

With additional engraved title-page.

Ormerod, Eleanor Anne

- 1292 **Flies injurious** to stock. Being life-histories and means of prevention of a few kinds commonly injurious, with special observations on ox warble or bot fly. Simpkin, Marshall: London, 1900. pp. vi, [ii], 80, illus., 8vo.

- 1293 **A manual** of injurious insects, with methods of prevention and remedy for their attacks to food crops, forest trees, and fruit. To which is appended a short introduction to entomology. 2nd ed. Simpkin, Marshall: London, 1890. pp. xiv, [ii], 410, [2], frontis., illus., 8vo.

- 1294 **Notes on ox warble fly**, or bot fly, *Hypoderma bovis*, De Geer. West, Newman: London, [1888]. pp. 4, illus., 8vo.

- Ormerod, Eleanor Anne
- 1295 A text-book of agricultural entomology; being a guide to methods of insect life, and means of prevention of insect ravage, [etc.]. 2nd ed. Simpkin, Marshall: London, 1892. pp. xvi, 258, [2], illus., 8vo.
On half-title: With Compliments from the Writer.
- Orson, B.
- 1296 Facts and experiments on the use of sugar in feeding cattle: with hints for the cultivation of waste lands. And for improving the condition of the lower orders of peasantry in Great Britain and Ireland. J. Harding: London, 1809. pp. xvi, 123, 8vo.
- Osborne, lord Sidney Godolphin
- 1297 Gleanings in the west of Ireland. T. & W. Boone: London, 1850. pp. xii, 258, [4], 8vo.
- Our farm of four acres, and the money we made by it. [By miss Coulton]. 1859, [etc.]. *see* Coulton, miss. 405-6
- Outlines of Flemish husbandry. Husbandry of east and west Flanders. [By W. L. Rham. c. 1857]. *see* Rham, William Lewis. 1433
- Pallas, Peter Simon
- 1298 An account of the different kinds of sheep found in the Russian dominions, and among the Tartar hordes of Asia. [Selected and translated from the Latin, with] five appendixes tending to illustrate the natural and economical history of sheep and other domestic animals, by James Anderson. Edinburgh printed; T. Chapman: London, 1794.
pp. x, [iii]-vii, 185 [i.e. 179], [16], frontis., pls., 8vo.
Preliminaries bound in incorrect order.
- Pallett, T.
- 1299 Hints on inclosing, agriculture, stewardships, and tithes. T. Simson: Hartford; G. G. & J. Robinson: London, 1798. pp. viii, 30, 8vo.
- Papers on agriculture, horticulture, farming, &c., &c., published by the Society of arts, manufactures, and commerce, 1810-1843. [1845]. *see* Society for the Encouragement of Arts, Manufactures, and Commerce. 1635
- Parbury, A. E.
- 1300 Practical farming. [The author]: Horsham, 1882. pp. vii, 120, sm. 8vo.

Pare, William

- 1301 Co-operative agriculture: a solution of the land question, as exemplified in the history of the Ralahine co-operative agricultural association, County Clare, Ireland. Longmans: London, 1870. pp. xxiv, 239, 8vo.

Parker, Thomas Netherson

- 1302 An essay on the construction, hanging, and fastening of gates. 2nd ed., improved and enlarged. Lackington, Allen: London, 1804. pp. vi, [ii], 116, pls., 8vo.

Parkes, Josiah

- 1303 Essays on the philosophy and art of land-drainage. Longmans: London, 1848. pp. vi, 82, 8vo.
- 1304 Fallacies on land-drainage exposed. A refutation of a letter by lord Wharncliffe . . . published in the Journal of the Royal agricultural society of England, vol. 12, part 1, 1851. Longmans: London, 1851. pp. 15, plt., 8vo.

Parkes, Samuel

- 1305 A letter to farmers and graziers on the advantages of using salt in agriculture, and in feeding cattle. 4th ed., enlarged and corrected. Baldwin, Cradock & Joy: London, 1819. pp. xii, [15]–107, frontis., 8vo.

Parkinson, Richard, 1748–1815, *of Doncaster*

- 1306 The English practice of agriculture, exemplified in the management of a farm in Ireland . . . With an appendix; containing, first, a comparative estimate of the Irish and English mode of culture, as to profit and loss: and, secondly, a regular rotation of crops for a period of six years. Longman; J. Harding: London, 1806. pp. xiii, [ii], 338, [10], frontis., pls., 8vo.
- 1307 The experienced farmer, enlarged and improved: or, Complete practice of agriculture according to the latest improvements, [etc.]. Longman; J. Harding: London, 1807. 2 vol., 8vo.
- Extracts from a survey of Buckinghamshire. 1810, etc. *in* Priest, St. John. General view of the agriculture of Buckinghamshire. With an appendix, containing extracts from a survey of the same county, delivered to the Board by mr. Parkinson. 1810, etc. 1384–5
- 1308 General view of the agriculture of the county of Huntingdon; drawn up for . . . the Board of agriculture [etc.]. R. Phillips: London, 1811. pp. vii, 351, mp. frontis., plt., 8vo.
- 1309 ——. [Another issue]. Sherwood, Neely & Jones: London, 1815.

The title-page is a cancel.

- Parkinson, Richard, 1748–1815, *of Doncaster*
 A survey of the county of Rutland. in Pitt, William, 1749–1823, *of Wolverhampton*. A general view of the agriculture of the county of Leicester. To which is annexed A survey of the county of Rutland, by Richard Parkinson. 1809. 1345
- 1310 Treatise on the breeding and management of live stock . . . With an appendix, containing tables of prices in the live and dead markets, [etc.]. Cadell & Davies; R. Scholey: London, 1810. 2 vol., 8vo.
- Parkinson, Richard, *fl.* 1822–42, *of Knapthorpe, near Newark*
 1311 An essay on the rotation of crops best suited to heavy lands. J. Whittingham: Southwell, 1842. pp. 22, 8vo.
- Parliament—House of Commons—*Select Committee on Agricultural Customs*
 1312 Digest of evidence taken before a committee of the House of Commons, appointed to inquire into the agricultural customs of England and Wales in respect to tenant-right. Compiled and arranged by William Shaw and Henry Corbet. J. Rogerson; J. Ridgway: London, 1849. pp. xvi, 246, [2], 8vo.
- Parliament—House of Commons—*Select Committee on the State of Agriculture*. *see* Hutt, William, ed. State and prospects of British agriculture; being a compendium of the evidence given before a committee appointed to enquire into agricultural distress. 2nd ed. 1837. 853
- Parnell, Richard
 1313 The grasses of Scotland. Illustrated by figures drawn and engraved by the author. W. Blackwood: Edinburgh & London, 1842. pp. xxi, [ii], 152, pls., la. 8vo.
- 1314 The grasses of Britain. Illustrated by figures drawn and engraved by the author. Blackwood: Edinburgh & London, 1845. pp. xxviii, [153]–310, [2], pls., la. 8vo.
 Half-title reads: *Part II. Grasses of Britain*. The pagination continues from *The grasses of Scotland*.
- Patent Office
 1315 Subject list of works on agriculture, rural economy, and allied sciences, in the library of the Patent office. (*Patent Office Library Series*, 15: *Bibliographical Series*, 12). H.M.S.O.: London, 1905. pp. 424, sm. 8vo.
- Patrick, Robert William Cochran-
 1316 Mediaeval Scotland: chapters on agriculture, manufactures, factories, taxation, revenue, trade, commerce, weights and measures. J. Maclehose: Glasgow, 1892. pp. viii, 200, frontis., plt., illus., 8vo.

- Pearce, William**
- 1317 General view of the agriculture in Berkshire. Drawn up for . . . the Board of agriculture [etc.]. W. Bulmer: London, 1794. pp. 74, plts., 8vo. (sm. 4to.)
see Summary of the observations made by gentlemen, farmers and others on mr. Pearce's Survey of the state of agriculture in Berks. [c. 1795]. 1701
- Peard, William**
- 1318 Practical water-farming. Edmonston & Douglas: Edinburgh, 1868. pp. xiv, 256, 8vo.
- Pearson, Robert**
- 1319 Every man his own horse, cattle, and sheep doctor; or A practical treatise on the diseases of horses, horned cattle, and sheep, [etc.]. J. Browne: Leicester; Mr. Blanchard: London, 1811. pp. xxvii, 428, 8vo.
 With an errata slip preceding page [1].
- Pease, sir Alfred Edward, 2nd bart.**
- 1320 Horse-breeding for farmers. Macmillan: London and New York, 1894. pp. vi, 133, [2], 8vo.
- Peck, W.**
- 1321 Veterinary medicine, and therapeutics; containing the effects of medicines on various animals; the symptoms, causes, and treatment of diseases; with a select collection of formulae [sic]. Newman: London; Thomas & Hunsley: Doncaster, 1814. pp. vi, [ii], 175, [2], plt., 8vo.
 On title-page: W. Youatt, Vetr. Med. Library, No. 149.
- Pelham, Henry Thomas, 3rd earl of Chichester. *see* Acland, sir Thomas Dyke, 11th bart.** Review of agricultural experiments. With a letter to the earl of Chichester. 1885. 12
- Penfold, Charles**
- 1322 A practical treatise on the best mode of repairing roads, with some observations upon the present system. [n.p., c. 1833]. pp. 27, 8vo.
Bound with SOCIETY FOR THE DIFFUSION OF USEFUL KNOWLEDGE. Farm-reports. [c. 1830]–35. 1633. Also appears in BURKE (J. F.). British husbandry, vol. 3. 1840. 267.
- Pennington, W.**
- 1323 Reflections on the various advantages resulting from the draining, inclosing, and allotting of large commons and common fields. B. White: London, 1769. pp. 77, [ii], 8vo.
- Percival, John**
- 1324 Agricultural botany, theoretical and practical. Duckworth: London, 1900. pp. xii, 798, [ii], illus., 8vo.
- 1325 Wheat in Great Britain. The author: Shinfield, Reading, 1934. pp. 125, [2], plts., 8vo.

Perkins, Walter Frank

- 1326 British and Irish writers on agriculture. 3rd ed. C. T. King: Lymington, 1939. pp. [xiii], 226, 8vo.

A cancel for p. 176 is pasted in following that page. An interleaved copy, with numerous additions, corrections and revisions by W. F. Perkins in the text and on the interleaved pages, and with the items in his own collection marked by him.

- 1327 A paper on the influence of certain of the sciences upon the art of agriculture. H. King, Hants Advertiser Co.: Southampton, 1889. cover-title, pp. 7, 8vo.

At head of title: *Hampshire literary and philosophical society*.

- 1327a A paper on the papilionaceous leguminosae, commonly cultivated in Great Britain. H. King, Hants Advertiser Co.: Southampton, 1890. pp. 27, 8vo.

At head of title: *Hampshire literary and philosophical society*.

Reports on meetings of the Royal counties' agricultural society, 1891-1900. *see* **Royal Counties' Agricultural Society. 1507**

Permanent Nitrate Committee

- 1328 How to use nitrate: practical hints for the profitable application of nitrate of soda as a fertilizer . . . To which is prefixed, . . . Some points in artificial manuring, a lecture delivered at Lincoln, by Bernard Dyer. Street: London, [1891]. pp. 64, 8vo.

Front cover lacking. *How to use nitrate* (pp. 15-47) is in the main derived from Joseph Harris's *Essay on the use of nitrate of soda for manure* (Note, p. 47).

- 1329 —. 4th (rev.) ed. E. Fisher: London, [c. 1900]. pp. 63, illus., 8vo.

Perry, John George

- 1330 Substitutes for wheaten flour. A treatise on rice and potatoes, as far as relates to the use of them in pastry, [etc.]. E. Spragg for J. Bell: London, 1801. pp. 16, 8vo.

Petch, Thomas

- 1331 Bibliography of books and papers relating to agriculture and botany [in Ceylon] to the end of the year 1915. (*Peradeniya Manuals*, 3). H. R. Cottle, Government Printing Department: Colombo, 1925. pp. [iv], 256, 8vo.

Peter Plough's letters. *see* **Barty, James Strachan. 'Peter Plough', pseud.** Peter Plough's letters on high farming and free trade. 1850. 115-6

Peters, Matthew

- 1332 *Agricultura: or, The good husbandman, being a tract of antient and modern experimental observations on the green vegetable system, [etc.].* W. Flexney: London, 1776. pp. [viii], xxvii, 195, [2], plt., 8vo.

The plate is wanting.

De re rustica; or, The repository for select papers on agriculture, arts, and manufactures. 2 vol. [in 1]. [Sometimes attributed to M. Peters]. 1769–70. *see De re rustica . . . 469*

- 1333 *The rational farmer, or A treatise on agriculture and tillage, [etc.].* W. Flexney: London; J. Wise & J. Sturch: Newport, [I.O.W.], [1770]. pp. 103, frontis., 8vo.

Not the same as the anonymous work of the same title published in 1743, q.v. 1416.

- 1334 *Winter riches, or, A miscellany of rudiments, directions and observations, necessary for the laborious farmer, on a new vegetable system of agriculture, [etc.].* W. Flexney: London, 1771. pp. xxvi, [ii], 256, plt., illus., 8vo.

Petzholdt, Georg Paul Alexander

- 1335 *Lectures to farmers on agricultural chemistry.* [Trsl. from the German, and adapted to the use of British agriculturists by John Gardner]. Taylor & Walton: London, 1844. pp. xi, 299, 8vo.

The Phenix: or, A revival of scarce and valuable pieces from the remotest antiquity down to the present times. [Collected by J. Dunton]. 1707. (The second volume . . . 1708). *see Dunton, John, ed. 538–9*

Phillips, mrs. Catharine, *born* Payton

- 1336 *Considerations on the causes of the high price of grain, and other articles of provision, for a number of years back; and propositions for reducing them: with occasional remarks.* J. Phillips: London, 1792. pp. [iv], v, 90, 8vo.

Phillips, Henry

- 1337 *History of cultivated vegetables; comprising their botanical, medicinal, edible, and chemical qualities; natural history; and relation to art, science, and commerce.* 2nd ed. H. Colburn: London, 1822. 2 vol., 8vo.

Phillips, Philip Lovell

- 1338 *The principles of agriculture, especially tropical, and of organic chemistry, familiarly treated.* Smith, Elder: London, 1857. pp. xi, 203, 8vo.

On title-page: Lord Sinclair from the Author.

- Philp, Robert Kemp**
 1339 The gardener's and farmer's reason why. Containing reasons for the principles of scientific cultivation applicable to gardening and agriculture. By the author of *The reason why*, General science, [etc., i.e. R. K. Philp]. Houlston & Wright: London, 1860. pp. xix, 350, [2], illus., 8vo.
- Phipson, Thomas Lamb**
 Essay on agricultural uses of salt. *see* Falk, Robert. The use of salt in agriculture: prize essays . . . Second prize awarded to T.H. [*sic*, for T.L.] Phipson. 1863. 585
- Phoenix**
 The phenix: or, A revival of scarce and valuable pieces. [Collected by J. Dunton]. 1707. (The second volume . . . 1708). *see* Dunton, John, *ed.* 538-9
- The Physiology of plants; or, The phenomena and laws of vegetation. [By John Murray]. 1833. *see* Murray, John, 1786?-1851, *F.S.A., F.L.S.* 1251
- Pickering, Spencer Umfreville, jt. author**
see Russell, Herbrand Arthur, 11th duke of Bedford, and Pickering, Spencer Umfreville. Report on the working and results of the Woburn experimental fruit farm. 1900. 1513
- Picot de la Peyrouse, Phillippe Isodore, baron de Bazus**
 1340 The agriculture of a district in the south of France. Translated from the French. To which are added, Notes, by a recent traveller in France. J. Harding: London, 1819. pp. viii, 105, 8vo.
- Pieces**
 Miscellaneous pieces. Consisting of select poetry, and methods of improvement in husbandry, gardening, and various other subjects, useful to families. 3rd ed. 1752. *see* Miscellaneous pieces . . . 1209
- Pierson, Samuel**
 1341 The present state of the tillage in Ireland considered, and some methods offered for its improvement. G. Grierson: Dublin, 1730. pp. [ii], 35, plt., 8vo.
followed by his
 1342 Farther considerations for the improvement of the tillage in Ireland: with an account of the advantages of the ploughs and methods recommended in a former treatise [etc.]. G. Grierson: Dublin, 1728. pp. 42, 8vo.
 Both bound, as issued, with CONSIDERATIONS on agriculture. [Attributed to George Rye]. 1730. 383

Pilkinton, William, *ed.*

see Gyllenborg, Gustaf Adolf, *count.* A natural and chymical treatise of agriculture . . . with practical remarks and additions, by W. Pilkinton. 1822. and 3rd ed. 1823. 731-2

Pilkinton did not really edit or translate this work, but plagiarised and very slightly altered the translation of John Mills, published in 1770 (no. 730).

Pilley, John J.

- 1343 The elements of scientific agriculture, for students and farmers; with appendix. Adapted to the syllabus of the Science and art department, South Kensington. (*Gill's Science Series: gen. ed. J. J. Pilley*). G. Gill: London, [c. 1881].
pp. vi, [ii], [8]-272, illus., 8vo.

Pinaceae: being a handbook of the firs and pines. By Senilis [i.e. J. Nelson]. 1866. *see* Nelson, John. 1261

Pink, James

- 1344 Potatoes: how to grow and show them. A practical guide to the cultivation and general treatment of the potato. 2nd ed. C. Lockwood: London, 1879. pp. viii, 95, frontis., illus., 8vo.

Pitt, William, 1749-1823, *of Wolverhampton*

- 1345 A general view of the agriculture of the county of Leicester, . . . published by order of the Board of agriculture . . . To which is annexed A survey of the county of Rutland, by Richard Parkinson. R. Phillips: London, 1809.
pp. vii, 401, [10], vii, 187, mp. frontis., plts., 8vo.

The *Survey of the county of Rutland* has a separate title-page, dated 1808.

- 1346 General view of the agriculture of the county of Northampton, drawn up for the Board of agriculture [etc.]. R. Phillips: London, 1809. pp. xii, 320, [4], mp. frontis., 8vo.

Map frontis. bound to face p. 1.

- 1347 ——. [Another issue]. Sherwood, Neely & Jones: London, 1813.
The title-page is a cancel.

- 1348 General view of the agriculture of the county of Stafford . . . Drawn up for . . . the Board of agriculture [etc.]. T. Wright: London, 1794. pp. 168, mp. frontis., 8vo. (sm. 4to.)

- 1349 ——. [Another ed.]. With additional remarks of several respectable gentlemen and farmers in the county. G. Nicol: London, 1796. pp. xvi, 241, [8], mp. frontis., plts., illus., 8vo.

- 1350 ——. 2nd ed. R. Phillips: London, 1808.
pp. xii, 327, [4], mp. frontis., plts., illus., 8vo.

- 1351 ——. 2nd ed. [Another issue]. Sherwood, Neely & Jones: London, 1813.

The title-page is a cancel.

- Pitt, William, 1749-1823, *cf* *Wolverhampton*
- 1352 A general view of the agriculture of the county of Worcester . . . published by order of the Board of agriculture [etc.]. R. Phillips: London, 1810. pp. xx, 428, mp. frontis., plts., 8vo. Frontispiece wanting.
- 1353 ———. [Another issue]. Sherwood, Neely & Jones: London, 1813.
The title-page is a cancel.

Plan for an institution for the study of agriculture. 1801. *see* Prospectus of an institution . . . 1393

Planter

Strictures on sir Henry Steuart's *Planter's guide*. By a planter of some experience. 1830. *see* Strictures . . . 1697

Plat, sir Hugh

- 1354 The jewel house of art and nature: containing divers rare and profitable inventions, together with sundry new experiments in the art of husbandry . . . Whereunto is added, A rare and excellent discourse of minerals, stones, gums, and rosins; with the vertues and use thereof, by D.B., gent. E. Alsop: London, 1653. pp. [viii], 232, illus., 8vo. (sm. 4to.)
Wing P 2391. This work is said by Weston to have been published by Dr. Beati, i.e. Dr. Arnold Boate or De Boot. It seems likely that Boate was the D.B., gent., responsible for the *Discourse of minerals*.
- 1355 The new and admirable arte of setting of corne. With all the necessarie tooles and other circumstances belonging to the same: the particular titles whereof, are set downe in the page following. P. Short: London, 1601; [a reprint, c. 1852]. pp. [32], 8vo.

Plattes, Gabriel

- 1356 A discovery of subterranean treasure: (viz.) of all manner of mines and minerals, from the gold to the coal; with plain directions and rules for the finding of them in all kingdoms and countries [etc.]. P. Parker: London, 1679. pp. [iv], 24, 8vo. (sm. 4to.)
Wing P 2411.

Plough, Peter, *pseud.*, i.e. J. S. Barty. *see* Barty, James Strachan. 115-6

Plymley, Joseph

- 1357 General view of the agriculture of Shropshire . . . Drawn up for . . . the Board of agriculture [etc.]. G. and W. Nicol, [etc.]: London, [etc.], 1803.
pp. xxiv, [2], 366, 2, mp. frontis., plts., illus., 8vo.
- 1358 ——. [Another issue]. R. Phillips: London, 1803.
The title-page is a cancel.
- 1359 ——. [Another issue]. Sherwood, Neely & Jones: London, 1815. pp. xxiv, [2], 366, 2, mp. frontis., illus., 8vo.
The title-page is a cancel.

Pollen, Richard

- 1360 Spade cultivation, tried for ten years on an estate in Wiltshire; in a letter to W. Sturges Bourne. By a magistrate for the counties of Hants. and Wilts. [i.e. R. Pollen]. J. Ridgway: London, 1850. pp. 16, 8vo.
In ms. on title-page, under 'By a magistrate': *Mr. R. Pollen, Chairman of Hants [?] Q. Sessions*. Internal evidence confirms the attribution to R. Pollen, 1786–1858, of Rodbourne, near Malmesbury, Wilts.

Pomeroy, William Thomas

- 1361 General view of the agriculture of the county of Worcester . . . Drawn up for . . . the Board of agriculture [etc.]. B. Millan: London, 1794. pp. 77, 17, 8vo. (sm. 4to.)

Pontey, William

- 1362 The rural improver; or, A practical treatise, on the nature and management of such rural scenes and objects, as are necessary to promote the comfort, convenience, and embellishment of the residences of the higher ranks of society [etc.]. J. Harding, [etc.]: London, [etc.], 1822. pp. [ii], ix, [3]–301, plts., la. 4to.

Pope, Simeon

- 1363 Interesting suggestions to proprietors and trustees of estates, respecting the Land-tax sale and redemption act. 3rd and improved ed. W. I. & I. Richardson: London, 1798.
pp. [iv], 28, 8vo.

Poppy, Charles

- 1364 Observations on the culture and storing of mangel-wurzel, or cattle-beet; with notes and extracts relating to its name and introduction into this country. King & Garrod; Ipswich, [1831]. pp. 56, illus., 8vo.
Pages [33]–36 consist of an *Appendix to Treatise on burnt earth*. Poppy also wrote: *Practical hints on burning clay, sods, surface soil of fallows* [etc.]. 1850. (B.M. 7077. f.) which is presumably the work referred to.

- Porcius, *pseud.*
- 1365 Mr. Huxtable and his pigs. W. Blackwood: Edinburgh [and] London, 1850. pp. [ii], 30, 8vo.
- Porter, James
- 1366 Report of experiments on manures, &c. &c. made on the farm of Logie Elphinstone, Aberdeenshire, . . . during the years 1844-45. L. Smith: Aberdeen, 1846. pp. [ii], 24, 8vo.
- Potter, Michael Cresse
- 1367 An elementary text-book of agricultural botany. (*University Extension Series: gen. ed. J. E. Symes*). Methuen: London, 1893. pp. xi, 250, [2], illus., 8vo.
- Potter, Thomas
- 1368 The construction of silos and the compression of green crops for silage. B. T. Batsford: London, [1886]. pp. xii, 187, illus., 8vo.
- Potter, William Horatio
- 1369 A word or two on the use of guano and of some other fertilisers . . . with an account of a new manure, artificial guano, (a cheap and efficient substitute for the guano). T. Maish: London, 1842. pp. 24, 8vo.
- Potts, Thomas
- 1370 The British farmer's cyclopaedia; being a new & complete agricultural dictionary of improved modern husbandry. 2nd ed. B. Crosby: London; J. Baxter: Lewes and Chichester, 1809. no pagination [632 pp.+41 pls.], frontis., illus., 4to.
The title-page of the 2nd ed., transcribed above, is engraved, and is followed by the t.p. of the 1st ed., which is printed from type and has the imprint *Scatcherd & Letterman; M. Jones: London, 1807.*
- Powell, Edwin James
- 1371 History of the Smithfield club from 1798 to 1900. Smithfield Club: London, 1902. pp. [viii], 168, port. frontis., pls., la. 8vo.
- Pownall, Thomas
- A memoir on the corn trade. *in* Young, Arthur, 1741-1820. Political arithmetic. To which is added, A memoir on the corn trade. By governor Pownall. 1774. 1994
- Practical Agriculturist
- A treatise on soils and manures. By a practical agriculturist. 1818. *see* A Treatise . . . 1764
- 1372 A Practical essay on the treatment of ewes in the lambing season; with particular directions on the subject of manual assistance in difficult cases [etc.]. By the editor of the Farmers' journal. Evans & Ruffy: London, 1819. pp. viii, [9]-31, 8vo.

Practical Farmer

The agricultural distiller's hand-book. By a practical farmer and distiller. [1856]. *see* **Agricultural distiller's hand-book** . . . 19

The complete English farmer, or, A practical system of husbandry. By a practical farmer, and a friend of the late mr. Jethro Tull [i.e. D. Henry]. 1771. *see* **Henry, David**. 784

A treatise on the culture of wheat. By a practical farmer [i.e. J. C. Loudon]. 1812. *see* **Loudon, John Claudius**. 1055

- 1373 **Practical farming**: in a series of treatises by R. O. Pringle, professor Murray, and other distinguished agriculturists. A. Fullarton: Edinburgh and London, [1868]. 2 vol., 8vo.

- 1374 **The Practical farrier**; or, Full instructions for country gentlemen, farmers . . . &c., containing rules for breeding and training up of colts . . . and . . . receipts, for the cure of all common distempers incident to horses, oxen, [etc.]. By a Society of country gentlemen, farmers, graziers, sportsmen, &c. 4th ed. T. Longman; T. Astley: London, 1737.
pp. 91, [4], sm. 8vo.

- 1375 **The Practical husbandman and planter**: or, Observations on the ancient and modern husbandry, planting, gardening, [etc.]. Vol. 1. Containing April, May and June, [1733]. By a Society of husbandmen and planters. S. Switzer: London, [1733].
pp. viii, lxi, [18], 158, [ii], xvi, 232, xv, 144, [16], 8vo.

Edited and in large part written by Stephen Switzer. Pages i-ii of June issue missing. Leaf b3 is a cancel.

- 1376 **The Practical Norfolk farmer**; describing the management of a farm throughout the year; with observations founded on experience. Stevenson, Matchett & Stevenson: Norwich; Scatcherd & Letterman; J. Hardinge [*sic*]: London, [1808].
pp. [xii], 117, [8], 8vo.

Sometimes attributed to R. Kiddle.

Practical observations on the culture of lucerne, turnips [etc.], communicated by letters to dr. Templeman. 1766. *see* **Templeman, Peter**. 1733

Practical Shepherd

The flockmaster's companion, and shepherd's guide. By a practical shepherd. 3rd ed. 1846. *see* **Flockmaster's companion** . . . 620

- 1377 **A Practical treatise** on the culture of potatoes. new ed., enlarged. J. Harding: London, 1821. pp. iv, 56, 8vo.

- 1378 **Practice with science: a series of agricultural papers.** [By John Constable and others]. Longmans: London, 1867-69.
2 vol., 8vo.
- Prentice, Manning
- 1379 **Scientific agriculture.** Land Agents' Record: London, [1887].
pp. 32, illus., 8vo.
Reprinted from the *Land agents' record*.
- 1380 **The Present position, prospects, and duties of the Scottish farmer, viewed in relation to the landlord's right of hypothec, the operation of the game laws on grass and corn lands, and the new Reform bill.** Bell & Bradfute: Edinburgh, 1866.
pp. 14, 8vo.
- The Present state of husbandry in Scotland.** [By A. Wight].
4 vol. 1778-84. *see* Wight, Andrew. 1911
- Preston, Richard
- 1381 **A review of the present ruined condition of the landed and agricultural interests; with observations on the extent of their losses and distresses, [etc.].** Law & Whittaker, [etc.]: London, 1816. pp. [ii], iii, [3]-64, 8vo.
Printed in *The Pamphleteer*, vol. 7, no. 13, 1816.
- Preston, Samuel P.
- 1382 **Pasture grasses and forage plants, and their seeds, weeds, and parasites. (*Cow and Calf Series*).** T. C. Jack: London and Edinburgh, 1887. pp. xvi, 144, illus., 8vo.
- Price, Daniel
- 1383 **A system of sheep-grazing and management, as practised in Romney marsh.** R. Phillips: London, 1809.
pp. viii, 487, mp. frontis., pls., 4to.
- Price, Stephen, *ed.*
see Mitchell, George. The skeleton at the plough. [c. 1875]. 1211
- Priest, St. John
- 1384 **General view of the agriculture of Buckinghamshire. Drawn up for the Board of agriculture . . . With an appendix, containing extracts from a survey of the same county . . . by Mr. Parkinson.** R. Phillips: London, 1810.
pp. viii, 412, [4], mp. frontis., pls., illus., 8vo.
Map frontis. bound to face p. 1.
- 1385 ——. [Another issue]. Sherwood, Neely & Jones: London, 1815.
- Prince-Sheldon, John. *see* Sheldon, John Prince. 1549-53

1386 **Principles of agriculture.** A specific subject of instruction in public elementary schools. (*Blackie's Elementary Text-books*). Blackie: London, [etc.], [1884]. pp. 144, illus., sm. 8vo.

1387 **Principles of agriculture.** [rev. ed.], ed. by R. P. Wright. (*Blackie's Science Text-books*). Blackie: London, [etc.], 1891. pp. 206, illus., sm. 8vo.

A new edition of the preceding work: Wright was not the author of the book but only revised it.

Pringle, Andrew

1388 **General view of the agriculture of the county of Westmoreland . . . Drawn up for . . . the Board of agriculture [etc.].** Chapman: Edinburgh, 1794. pp. [6], 55, 8vo. (sm. 4to.)

— . [Another ed.] 1797. in *Bailey, John and Culley, George*. General view of the agriculture of the county of Northumberland [and of Cumberland and Westmoreland]. 1797. 83

Preliminary observations to mr. Pringle's General view of the agriculture of Westmoreland. By R. Watson. in *Watson, Richard*, *bp*. Miscellaneous tracts. 2 vol. 1815. 1875

Pringle, Robert Oliphant

1389 **The live-stock of the farm.** W. Blackwood: Edinburgh & London, 1874. pp. vii, 438, 8vo.

The management of fattening cattle. in *Practical farming*: in a series of treatises. 2 vol. [1868]. 1373

1390 **Purdon's Practical farmer.** The principles and practice of agriculture: including tillage farming and management of stock. Purdon: Dublin, 1863. pp. xi, 496, 8vo.

Privy Council Office—Agricultural Department

1391 **Report on the hessian fly, giving its life history, and methods of prevention, and remedies, . . . by Charles Whitehead.** Eyre & Spottiswoode: London, 1886. pp. 20, illus., 8vo.

1392 **Reports on insects injurious to hop plants, corn crops, and fruit crops in Great Britain, . . . by Charles Whitehead.** (C. 4534, 4534-I, 4836). Eyre & Spottiswoode: London, 1885-86. 3 vol. [in 1], 8vo.

Prize essays and Transactions of the Highland society. *see* **Highland and Agricultural Society of Scotland.** 797

Profit and pleasure united, or, The husbandman's magazine. By J.S. [i.e. J. Smith]. 1684. *see* **Smith, J.** 1612

Proposals and inducements for a considerable number of people, to joyn in the purchas of . . . drein'd and derelict lands. [Signed R.S.]. 1726. *see* **S., R.** 1518

Proprietor

Hints for the use of Highland tenants and cottagers. By a proprietor [i.e. sir Francis Mackenzie]. 1838. *see* Mackenzie, sir Francis Alexander, 5th bart., of Gairloch. 1099

- 1393 **Prospectus of an institution for the study of agriculture.** [n.p., 1801]. pp. 3, 4to.

The prospectus consists of 3 pp. of text, arranged to fold like a legal document, thus showing the title on p. [4]. Title as given at head of p. 1 is *Plan of an institution for the study of agriculture*.

- 1394 **Protection of British agriculture.** An essay, showing the ruinous effects which a free trade in corn would have upon the landlord, the farmer, the labourer, the tradesman, the fundholder, and the community at large. W. M. Clark: London, 1844. pp. 16, 8vo.

In AGRICULTURAL PROTECTION SOCIETY. Tracts issued up to 1844. 20.

Prothero, Rowland Edmund, 1st baron Ernle

- 1395 **English farming, past and present.** 2nd ed. Longmans: London, [etc.], 1917. pp. xv, 414, [417]–504, 8vo.

Based on the author's earlier work *The pioneers and progress of English farming*. Pages 419–430 contain a chronological list of agricultural writers to 1700. Additional printed leaves are tipped in as follows: an unnumbered leaf after p. 440: 465a and 465b, after p. 464: 467a and 467b, after p. 466.

- 1396 **The pioneers and progress of English farming.** Longmans: London and New York, 1888. pp. xiv, 290, [2], 8vo.

Prout, John

- 1397 **Profitable clay farming under a just system of tenant right.** 3rd ed. E. Stanford: London, 1881. pp. 100, pls., 8vo.

Punnett, Reginald Crundall

- 1398 **Notes on old poultry books.** With a bibliography up to 1880, by E. Comyns Lewer and R. C. Punnett. *The Feathered World*: London, 1930. pp. 40, frontis., 8vo.

Purdon, W. S. and Purdon, E., eds.

- 1399 **Practical instructions for the cultivation of flax: . . . also, A treatise on artificial manures, their nature and properties, etc., etc.** Purdon: Dublin, 1864. pp. 43, 4to.

On p. [2]: 'These instructions were originally compiled by the Royal Belfast Flax Society'.

Purdon's Practical farmer. [By R. O. Pringle]. 1863. *see* Pringle, Robert Oliphant. 1390

- 1400 **Pursuits of agriculture; a satirical poem, in three cantos.** With notes. J. J. Stockdale: London, 1808–10. pp. 249, 8vo.

Three pts. in 1 vol. Cantos the second and third have their own title-pages dated 1808 and 1810 respectively.

Pusey, Philip

- 1401 The improvement of farming. What ought landlords and farmers to do. J. Murray: London, 1851.
pp. 64, plt. (mp.), illus., 8vo.
Being a reprint of an article *On the progress of agricultural knowledge during the last eight years*, from the *Journal of the Royal agricultural society of England*, vol. 11, 1850.
- 1402 On the source and supply of cubic saltpetre, salitre, or nitrate of soda, and its use in small quantities as a restorative to corn crops. 2nd ed. W. Clowes: London, 1853.
pp. 22, [2], illus., 8vo.
From the *Journal of the Royal agricultural society of England*, vol. 13, 1852.
- 1403 Report to H.R.H. the President of the Commission for the exhibition of the works of industry of all nations. On agricultural implements, class IX. [W. Clowes: London, c. 1851].
pp. 67, illus., la. 8vo.

Putt, Charles

- 1404 Which is most profitable, horse or manual labour, seems worth enquiring. Lee, Sussex Advertiser Office: Lewes, [1840].
no pagination, 8vo.
Consists of a quarter-sheet folded once, printed on the inner two pages only; drop-title at head of first printed page, author's name and imprint at foot of second; ms. additions and erasures on first page. Possibly a proof copy.
- 1405 The *Quarterly journal of agriculture*. May 1828–March 1843.
vol. 1–13. W. Blackwood: Edinburgh; T. Cadell: London, 1829–43. 13 vol., 8vo.
continued as
The *Journal of agriculture*. new series. July 1843–April 1866.
W. Blackwood: Edinburgh & London, 1845–[67]. 12 vol., 8vo.
——. 3rd series. July 1866–June 1868. Edinburgh and London, [1867–68]. 4 vol. [in 2], 8vo.

Quayle, Basil

- 1406 General view of the agriculture of the Isle of Man . . . Drawn up for . . . the Board of agriculture [etc.]. C. Macrae: London, 1794. pp. 40, plt. (mp.), 8vo. (sm. 4to.)

Quayle, Thomas

- 1407 General view of the agriculture and present state of the islands on the coast of Normandy, subject to the crown of Great Britain. Drawn up for . . . the Board of agriculture [etc.]. Sherwood, Neely & Jones; G. & W. Nicol: London; Perrot & Chavalier: Jersey, 1815. pp. xvi, 352, [8], 8vo.

- Quayle, Thomas
- 1408 General view of the agriculture of the Isle of Man. Drawn up for . . . the Board of agriculture [etc.]. W. Bulmer; for G. & W. Nicol; Sherwood, Neely & Jones: London, 1812.
pp. xv, 293 [i.e. 193], plt., 8vo.
- R.S.
Proposals and inducements . . . [Signed R.S.]. 1726. *see* S., R. 1518
- Radcliff, Thomas
- 1409 A report of the agriculture and live stock of the county of Wicklow, prepared under the directions of the Farming society of Ireland. Graisberry & Campbell: Dublin, 1812.
pp. xiv, [iv], 374, mp. frontis., plt., 8vo.
A 4-page leaflet, *Farming society of Ireland: Sale of fine wool*, dated 1811, is bound in at the end of the book.
- 1410 A report on the agriculture of eastern and western Flanders; drawn up at the desire of the Farming society of Ireland. With an appendix. J. Harding: London; W. Porter: Dublin, 1819.
pp. xvi, 329, [6], mp. frontis., plts., 8vo.
The frontispiece is misbound facing page [1]: plate III*, which should face p. 111, is misbound facing the title-page.
- Raley, William
- 1411 A treatise on the management of potatoes; or, A new method of removing and preventing the disorder thereof, called curl'd tops, [etc.]. For the author: York, 1782.
pp. [iv], vi, 43, [2], 8vo.
- Ramsay, Alexander
- 1412 History of the Highland and agricultural society of Scotland, with notices of anterior societies for the promotion of agriculture in Scotland. W. Blackwood: Edinburgh & London, 1879. pp. vii, 592, 8vo.
- Randall, John
- 1413 The semi-Virgilian husbandry, deduced from various experiments: or, An essay towards a new course of national farming, formed from the defects, losses, and disappointments, of the old and new husbandry, [etc.]. B. Law, [etc.]: London, 1764.
pp. lxiii, 356, 11, plts., 8vo.
- Ransome, James Allen
- 1414 The implements of agriculture. J. Ridgway: London, 1843.
pp. xi, 276, illus., la. 8vo.
- Rarey, John Solomon
- 1415 The art of taming horses. With additional chapters on horsemanship and hunting. 14th ed. Routledge: London, [etc.], 1893. pp. v, 236, frontis., plts., illus., sm. 8vo.

- 1416 *The Rational farmer, and practical husbandman. Containing, remarks on the principles of vegetation . . . To which is added, The British herbal, [etc.]. Sold by the booksellers of London and Westminster: London, 1743.*
pp. [ii], 171, 92, frontis., illus., 8vo. (sm. 4to.)

Issued in parts, the *Herbal* also being issued in parts simultaneously with those of *The rational farmer*. Page [172], which is an advertisement for pt. 2 of *The rational farmer*, has been cancelled by pasting a blank leaf over it. This work is not the same as *The rational farmer* by Matthew Peters (1333).

Rawson, Thomas James

- 1417 *Statistical survey of the county of Kildare . . . drawn up for . . . the Dublin society. Graisberry & Campbell: Dublin, 1807.*
pp. xv, [2], xlviii, 237, plts. (incl. mp.), illus., 8vo.

Rawstorne, Lawrence

- 1418 *The new husbandry, or, A complete code of modern agriculture, [etc.]. 2nd ed. Longmans: London, 1849.*
pp. xiv, [15]–395, illus., 8vo.
- 1419 *Some remarks on Lancashire farming, and on various subjects connected with the agriculture of the country: with a few suggestions for remedying some of its defects. Longman: London; Thomson: Preston, 1843.* pp. [ii], ii, [3]–118, 8vo.

Ray, John

see Boulger, George Edward Simonds. *The life and work of John Ray, and their relation to the progress of science.* [1885]. 200

Raynbird, William *and* Raynbird, Hugh

- 1420 *On the agriculture of Suffolk. Including the report to which the prize was awarded by the Royal agricultural society of England. Longman, [etc.]: London, [etc.], 1849.*
pp. vii, 324, mp. frontis., illus., 8vo.
- 1421 *Specimens of natural grasses, collected in the neighbourhood of Bury St. Edmund's, with their botanical and agricultural character. A. Cole: Bury St. Edmunds, 1846.*
no pagination [45 leaves], fol.

There are three preliminary leaves, printed on the rectos only, thereafter alternate leaves contain mounted grasses on both recto and verso; the intervening leaves contain legend on recto and verso, the legends being printed on separate leaves of varying sizes mounted on the leaves of the book.

see Martin, William Charles Linnaeus. *Cattle* [and] *The dairy*. Rev. and ed. by W. & H. Raynbird. new ed. 1862. 1157

see Rham, William Lewis. *The dictionary of the farm*. Rev. and re-edited by W. & H. Raynbird. new ed. 1858. 1432

Real Farmer

The modern farmers' guide. By a real farmer. 2 vol. 1768.
see The Modern farmers' guide . . . 1215

Rearing

On the rearing and fattening of turkeys, geese, & ducks. [1866].
see On the rearing . . . 1290

The Reason why, author of. *see* Philp, Robert Kemp. 1339

Recreations in agriculture, natural-history, arts and miscellaneous literature. 6 vol. 1799-1802. *see* Anderson, James. 54

Redhead, William and others

- 1422 Observations on the different breeds of sheep, and the state of sheep farming in some of the principal counties of England. Drawn up from a report transmitted to sir John Sinclair, baronet, chairman of the Society for the improvement of British wool. By messrs. Redhead, Laing, and Marshall, [etc.]. W. Smellie, [etc.]: Edinburgh, [etc.], 1792. pp. 7, xviii, 99, 8vo.
On half-title: From the author.

Redwood, Theophilus

- 1423 A lecture on chemical aids to agriculture, delivered to . . . the Cowbridge farmers' club [etc.]. J. E. Taylor: London, 1865. pp. 31, 8vo.
On title-page: Alfred Smees Esq. F.R.S. with the authors kind regards.

Reeves, John

- 1424 The art of farriery both in theory and practice, containing the causes, symptoms, and cure of all diseases incident to horses, . . . rev., corrected, and enlarged by a physician . . . 2nd ed. B. Collins: Salisbury; J. Newbery; S. Crowder: London, 1763. pp. [viii], 408, plts., 8vo.

Reid, William

- 1425 Sheep; their history, management, diseases, and national value: with remarks on the transit of stock. W. P. Nimmo; A. Elliott: Edinburgh, [1871]. pp. viii, 146, illus., 8vo.

Remarks on live stock and relative subjects. [Signed A.C., i.e. A. Coventry]. 1806. *see* Coventry, Andrew. 412

Rennie, George, 1749-1828, and others

- 1426 General view of the agriculture of the West riding of Yorkshire . . . By messrs. Rennie, Broun, and Shirreff. Drawn up for . . . the Board of agriculture [etc.]. W. Bulmer: London, 1794. pp. viii, [9]-140, plt. (mp.), illus., 8vo. (sm. 4to.)
see also Brown, Robert, 1757-1831. General view of the agriculture of the West riding of Yorkshire. Surveyed 1795, with additional information since received. 1799. 239

Rennie, James

- 1427 The hand book of agriculture, for the use of schools and of allotment tenants. 2nd ed. W. S. Orr [etc.]: London, [etc.], 1859. pp. xiii, 92, plt., illus., sm. 8vo.

Rennie, Robert

- 1428 Essays on the natural history and origin of peat moss: . . . the means of improving it as a soil, . . . of converting it into a manure; and the other economical purposes [etc.]. G. Ramsay; A. Constable: Edinburgh; Constable, Hunter, Park & Hunter: London, 1810. pp. xvi, [235]–665, 8vo.

Contains essays 3–9 inclusive. Essays 1–2 (pp. 1–25+) were published in 1807. There was also an 1810 ed. comprising all 9 essays (B.M. 451.e.28).

Renton, George

- 1429 The graziers' ready reckoner; or, A useful guide for buying & selling cattle: being a complete set of tables, [etc.]. 4th ed. H. D. Symonds: London, [1804]. pp. 39, frontis., sm. 8vo.

Rew, sir Robert Henry

- 1430 The agricultural position of to-day. A sequel to the Day & sons' £50 prize essay of 1886, which is also herewith reprinted. J. Heywood: Manchester & London; Day: Crewe, [1897]. pp. 107, [8], 8vo.

Reynolds, Richard S.

- 1431 An essay on the breeding and management of draught horses. Ballière, Tindall & Cox: London, 1882. pp. vi, [7]–104, 8vo.
Publisher's name spelt Ballière on title-page, Baillière in colophon.

Rham, William Lewis

- 1432 The dictionary of the farm. Rev. and re-edited, with supplementary matter, by W. and H. Raynbird. new ed. G. Routledge: London [and] New York, 1858.
pp. xii, [ii], 498, illus., 8vo.

- 1433 Outlines of Flemish husbandry. Husbandry of east and west Flanders. Clowes: London, [c. 1837]. pp. 95, illus., 8vo.

Bound with SOCIETY FOR THE DIFFUSION OF USEFUL KNOWLEDGE. *Farm-reports*. [c. 1830]. 1633. No title-page: drop-title on p. [1]. This work may never have been intended for separate publication: it appears also in BURKE (J. F.) *British husbandry*, vol. 3. 1840. 267

Richardson, H. D.

- 1434 Dogs; their origin and varieties, [etc.]. J. McGlashan, [etc.]: Dublin, [etc.], 1847. pp. [iv], ii, 116, frontis., illus., sm. 8vo.
- 1435 The dog: its origin, natural history, and varieties. [etc.]. (*Richardson's Rural Handbooks*). new ed. W. S. Orr: London; J. M'Glashan: Dublin, [1853].
pp. vii, [9]–142, [2], frontis., illus., 8vo.

Richardson, H. D.

- 1436 Domestic fowl: their natural history, breeding, rearing and general management. 2nd ed., corrected. J. McGlashan: Dublin; W. S. Orr: London, 1847.
pp. viii, [9]–115, frontis., illus., sm. 8vo.
- 1437 Domestic fowl and ornamental poultry; their natural history, origin, and treatment in health and disease. (*Richardson's Rural Handbooks*). new ed., much enlarged. W. S. Orr: London, [1851]. pp. [iv], 160, [4], frontis., illus., 8vo.
- 1438 Domestic pigs: their origin and varieties, management . . . and general treatment . . . With plain directions for curing and preserving their flesh. (*Richardson's Rural Handbooks*). new ed., much enlarged. W. S. Orr: London; J. M'Glashan: Dublin, [1852?]. pp. vi, [ii], [9]–148, frontis., illus., 8vo.
- 1439 Horses; their varieties, breeding, and management in health and disease. J. McGlashan, [etc.]: Dublin, [etc.], 1849.
pp. viii, 97, frontis., illus., sm. 8vo.
- 1440 The horse: its varieties, breeding, and management. new ed., rev. and enlarged, by M. M. Milburn. W. S. Orr: London; J. McGlashan: Dublin, [1852].
pp. vii, [9]–168, frontis., illus., sm. 8vo.
- 1441 The pests of the farm, a manual of plain directions for the extirpation . . . of vermin and insects destructive to vegetation. (*Richardson's Rural Handbooks*). new ed., revised and much enlarged, by M. M. Milburn. W. S. Orr: London; J. M'Glashan: Dublin, [1852]. pp. vi, [ii], [9]–143, frontis., illus., 8vo.
- 1442 Pigs; their origin and varieties, management . . . and treatment [etc.]. J. McGlashan, [etc.]: Dublin, [etc.], 1847.
pp. 106, frontis., illus., sm. 8vo.

Richardson's Rural handbooks.

In addition to works by Richardson, the following form part of the series:

Donald, J. Land drainage. [1852]. 496

Donaldson, J. Soils and manures. [c. 1852]. 511

Milburn, M. M. The cow. new ed. [1852, etc.]. 1192–3

Richardson, John

- 1443 Theoretic hints on an improved practice of brewing malt-liquors; including some strictures on the nature and properties of water, malt, and hops, [etc.]. 2nd ed., corrected. G. Robinson, [etc.]: London, [etc.], 1777. pp. [iv], 74, 8vo.

Richardson, William

- 1444 An essay on agriculture . . . To which is added, a memoir, . . . on the nature and nutritive qualities of fiorin grass, [etc.]. Whitmore & Fenn: London, 1818. pp. x, 173, 8vo.

Richardson, William

- 1445 Letter on the subject of reclaiming and improving the waste parts of the highlands of Scotland; particularly the dry, heathy, and peaty hills, by introducing the culture of fiorin grass. R. H. Evans: London, 1810. pp. 56, 8vo.
- 1446 A new essay on fiorin grass, including the history of its discovery, and an account of its valuable qualities and mode of culture. With an appendix, containing some recent experiments, and observations by the editor. J. Harding: London, 1814. pp. iv, 98, 8vo.
- 1447 The utility of fiorin grass; a prize essay. Addressed to the Farming society of Ireland, [etc.]. J. Harding: London, 1811. pp. [ii], 45, 8vo.

Richmond, Charles Gordon Lennox, 5th duke of. *see* Lennox

Richmond and Gordon, Charles Henry Gordon-Lennox, duke of. *see* Lennox. 1003

Rigby, Edward

- 1448 Framingham, its agriculture, &c. including The economy of a small farm. Burks & Kinnebrook: Norwich; R. Hunter: London, 1820. pp. vi, [ii], 107, plt., 8vo.
- 1449 Holkham, its agriculture, &c. 3rd ed., considerably enlarged. Burks & Kinnebrook: Norwich; for R. Hunter: London, 1818. pp. vi, 140, [2], 8vo.
- 1450 Suggestions for an improved and extended cultivation of mangel wurzel. Stevenson, Matchett & Stevenson: Norwich; Johnson: London, [1815]. pp. iv, 28, [4], 8vo.

Rigden, William

see Milne, David. Report of a visit to the farms of mr. Rigden, Sussex; rev. mr. Huxtable, Dorset; and mr. Morton, Gloucestershire. 1850. 1202

Rinderpest in Aberdeenshire. [By W. Alexander]. 1882. *see* Alexander, William. 35

Ringsted, Josiah

- 1451 The cattle-keeper's assistant; or Complete directory for country gentlemen, sportsmen, . . . &c. Being a valuable collection of observations in the choice of cattle, and receipts . . . for the cure of every distemper incident to horses, oxen [etc.]. 9th ed., improved and enlarged. J. Dixwell: London, [1776?]. pp. 81, [10], 8vo.
- 1452 ——. [Another ed.]. By a gentleman, from 40 years experience [i.e. J. Ringsted]. W. Clements & J. Sadler: London, 1791. pp. 96, 8vo.
- This edition varies substantially from the 9th ed., 1451, and appears to be a pirated version of the work. It contains (pp. 85–88) an Appendix 'from *Markham's Masterpiece*'.

Ringsted, Josiah

- 1453 The farmer. Comprehending . . . the culture of wheat, rye, barley . . . hops, vines, forest trees . . . the breeding and improvement of horses, oxen, cows . . . rules for the treatment and rearing of poultry . . . and the ordering of bees, [etc.]. 4th ed., with additions. J. Smeeton: London, 1800. pp. viii, 165, 8vo.

Ritchie, Robert

- 1454 The farm engineer: a treatise on barn machinery, particularly on the application of steam and other motive powers to the thrashing machine . . . with descriptions of the different steam engines now used and projected for agricultural purposes; and the extended application of steam as a motive power at farms. Blackie: Glasgow, [etc.], 1849. pp. xvi, 272, plts., illus., la. 8vo.

Ritzema Bos, Jan. *see* Bos, Jan Ritzema. 197

Roberts, Owen Owen

- 1455 Hints on agricultural economy, as the antidote to agricultural distress. Simpkin & Marshall: London, 1838. pp. vi, [ii], 117, 8vo.
- 1456 Observations on thorough drainage as the basis of agricultural prosperity. Simpkin & Marshall: London; J. Rees: Carnarvon, 1843. pp. 40, 8vo.

Robertson, George

- 1457 A general view of Kincardineshire; drawn up and published by order of the Board of agriculture. R. Phillips: London, 1810. pp. [iv], 12, [ii], 477, 63, plts. (incl. mp.), 8vo.
- 1458 General view of the agriculture of Kincardineshire, or the Mearns. Drawn up for . . . the Board of agriculture [etc.]. Sherwood, Neely & Jones: London, 1815. pp. [iv], 12, 477, 63, port. frontis., plts. (incl. mp.), 8vo.
A re-issue of the preceding with a new title-page.
- 1459 General view of the agriculture of the county of Mid Lothian . . . Drawn up for . . . the Board of agriculture [etc.]. J. Anderson: Edinburgh, 1795. pp. 90, mp. frontis., 8vo. (sm. 4to.)
- 1460 ——. [Another ed.]. With the additional remarks of several respectable gentlemen and farmers in the county. J. Ruthven: Edinburgh; for G. Nicol: London, 1795. pp. xv, 17–223, 135, [4], plts. (incl. mp.), 8vo.
- 1461 Rural recollections: or, The progress of improvement in agriculture and rural affairs. E. Macquistan: Irvine; G. A. Douglas: Edinburgh, 1829. pp. viii, 636, frontis., plt., 8vo.

Robertson, Henry

- 1462 A general view of the natural history of the atmosphere, and of its connection with the sciences of medicine and agriculture, [etc.]. W. Laing, [etc.]: Edinburgh; Cadell & Davies; Longman: London, 1808. 2 vol., 8vo.

Robertson, James

- 1463 General view of the agriculture in the county of Inverness . . . Drawn up for the Board of agriculture [etc.]. R. Phillips: London, 1808.
pp. xiii, lxvi, 447, [4], mp. frontis., plt. (mp.), 8vo.
Pages v to viii of the first sequence of preliminary matter are misbound after p. [xiv].
- 1464 General view of the agriculture in the southern districts of the county of Perth . . . Drawn up for . . . the Board of agriculture [etc.]. J. Nichols: London, 1794. pp. 140, 8vo. (sm. 4to.)
Half-title wanting.
- 1465 General view of the agriculture in the county of Perth . . . Drawn up for . . . the Board of agriculture [etc.]. J. Morison: Perth, 1799. pp. [ii], xx, 575, [4], mp. frontis., pls., 8vo.
- 1466 ——. 2nd ed. R. Morison: Perth; for Longman: London, 1815. pp. xxii, 566, 2, mp. frontis., pls., 8vo.

Robertson, Thomas

- 1467 Outline of the general report upon the size of farms, and upon the persons who cultivate farms. Drawn up for . . . the Board of agriculture [etc.]. T. Ruddiman: Edinburgh, 1796.
pp. vi, [2], 110, 8vo. (sm. 4to.)
Pages i-ii (half-title?) wanting.

Robertson, William

- 1468 Hints to stockowners: or, Short remarks on some of the more important departments of stock management. J. & J. H. Rutherford: Kelso; W. Blackwood: Edinburgh & London, 1870. pp. viii, 92, frontis., 8vo.

Robinson, Charles Best, afterwards Norcliffe, ed.

see Best, Henry. Rural economy in Yorkshire in 1641. [Ed. by C. B. Robinson]. 1857. 153

Robinson, Henry and Melliss, John Charles

- 1469 Purification of water-carried sewage: data for the guidance of corporations, local boards of health and sanitary authorities. Smith, Elder: London, 1877. pp. vii, [iv], 214, 8vo.

Robinson, John, 1727-1802, surveyor-general of woods and forests.

- 1470 Letter to sir John Sinclair from John Robinson, 5th April, 1794. W. Bulmer: London, 1794. pp. 72, 8vo. (sm. 4to.)

- Robinson, John**, *fl. c. 1834–1864, agricultural chemist*
- 1471 An easy mode of ascertaining the capabilities of soil; tests for the purity of artificial manures; mode of preserving the fertilizing contents of a dung-heap from escape; with other information [etc.]. 2nd ed., with improvements. McNiell & Moody for the author: London, 1863. pp. 16, 8vo.
- 1472 The farmer warned, as to the deceptions which are practising upon him by dealers in artificial manures . . . and also provided with a manual, containing easy and certain means by which he may test the purity of a manure in the sample, [etc.]. Harvey & Darton: London, [c. 1844]. pp. 16, 8vo.
- 1473 On the present position of the agricultural labourer, with proposed means for improving his condition; and how the capabilities of the country can be rendered available to feed, and feed well, the present, or even a more extended, population. Cookes & Lloyd for the author: London, 1864. pp. 17, 8vo.
- Robson, James**
- 1474 General view of the agriculture in the county of Argyll, and western part of Inverness-shire . . . Drawn up for . . . the Board of agriculture [etc.]. W. Smith: London, 1794. pp. 58, 8vo. (sm. 4to.)
Lacking first leaf.
- Robson, John**
- 1475 How to farm two acres profitably; including the management of the cow and the pig. 2nd ed. Journal of Horticulture and Cottage Gardener Office: London, 1863. pp. 104, frontis., sm. 8vo.
- Rocque, Bartholomew**
- 1476 A practical treatise of cultivating lucern: containing the methods as by experience are found to succeed. Including the practice used in several parts of France. The author, [etc.]: London, 1761. pp. vi, [7]–23, 8vo.
- Rodwell, James**, '*Uncle James*', *pseud.*
- 1477 The rat: its history & destructive character. With numerous anecdotes. new ed. G. Routledge: London [and] New York, 1858. pp. xii, 299, 8vo.
- Roger, James**, 1767–1849, *minister of Dunino*
- 1478 General view of the agriculture of the county of Angus or Forfar. Drawn up, under the direction of George Dempster; for . . . the Board of agriculture [etc.]. J. Paterson: Edinburgh, 1794. pp. [6], 7, 31, 8vo. (sm. 4to.)
With an additional half-title bound in.

Rogers, James Edwin Thorold

- 1479 Ensilage in America: its prospects in English agriculture. W. S. Sonnenschein: London, 1883. pp. 163, illus., 8vo.
- 1480 A history of agriculture and prices in England from . . . 1259 to . . . 1793. Compiled entirely from original and contemporaneous records. Clarendon Press: Oxford; Macmillan: London, 1866-1902. 7 vol. [in 8], 8vo.
- Vol. 7 edited with sundry additions by one of the author's sons. Vols. 3-7 have imprint: *Clarendon Press: Oxford; H. Frowde: London, [etc.]*.

Rogers, Jasper W.

- 1481 An appeal for the Irish peasantry, with facts . . . respecting the value of peat, and peat-charcoal, as a fuel and a fertilizer. E. Wilson: London, 1847. pp. x [i.e. xii], [13]-116, 8vo.

Roland, Arthur

- 1482 The drainage of land, irrigation, and manures. Ed. by W. H. Ablett. Chapman & Hall: London, 1887. pp. vi, 192, 8vo.
- Half-title: *Farming for pleasure and profit: fifth section.*
- 1483 Farming for pleasure and profit: dairy-farming, management of cows, etc. Ed. by W. H. Ablett. new ed. Chapman & Hall: London, 1891. pp. vii, 210, 8vo.
- 1484 The management of grass land, laying down grass, artificial grasses, etc. Ed. by W. H. Ablett. Chapman & Hall: London, 1887. pp. viii, 196, illus., 8vo.
- 1485 Poultry-keeping for pleasure and profit. Ed. by W. H. Ablett. new ed. Chapman & Hall: London, 1892. pp. vii, [3]-162, 8vo.
- 1486 Root growing and the cultivation of hops. Ed. by W. H. Ablett. Chapman & Hall: London, 1887. pp. vii, 184, 8vo.
- 1487 Stock keeping and cattle rearing. Ed. by W. H. Ablett. new ed. Chapman & Hall: London, 1893. pp. viii, 194, 8vo.
- 1488 Tree-planting for ornamentation or profit, suitable to every soil and situation. Ed. by W. H. Ablett. new ed. Chapman & Hall: London, 1892. pp. viii, 157, 8vo.
- 1482-8 were first published as sections, 5, 1, 7, 2, 6, 4, and 3 respectively of *Farming for pleasure and profit*. No. 8 in the series is *Market-garden husbandry for farmers and general cultivators* by W. H. ABLETT, q.v. 4.

Ronald, John

- 1489 Letters on coating with manure the seed of wheat & other cereals before sowing it; and on the use of large seed only for sowing or planting. J. Smith: Glasgow, 1859. pp. 12, 8vo.
With a leaflet bound in advertising the pamphlet.

Rosling, Edward, *jt. author*

see Essex Agricultural Society, Report(s) on field experiments, 1887 (1888). By B. Dyer and E. Rosling. 1888 (1889). 572-3

Rosser, S. Egan

- 1490 Observations on hop drying; being an attempt to reduce the different modes now in use to a general system: with a description of a new and economical apparatus. T. Richards: London, 1856. pp. 16, frontis., 8vo.

Rosser, W. H.

- 1491 The improved art of farriery, and complete farmer's guide: containing the history of the horse, and of the veterinary science [etc.]. An appendix, containing an abstract of the game laws. W. Bennett: London, 1843.
pp. vi, iv, [7]-619, frontis., plts., 8vo.

Roth, Henry Ling

- 1492 On the origin of agriculture. Harrison: London, 1886.
pp. 36, 8vo.
From the *Journal of the anthropological institute*, Nov. 1886.

Rothamsted Experimental Station

- 1493 The Rothamsted experiments. Plans and summary tables, arranged for reference in the fields. W. Clowes: London, [1900]. pp. xvii, [ii], illus., la. 8vo.
- 1494 Catalogue of the printed books on agriculture published between 1471 and 1840, with notes on the authors. By Mary S. Aslin. [Rothamsted Experimental Station: Harpenden, 1926]. pp. 351, plts., la. 8vo.
- 1495 ——. 2nd ed. [Rothamsted Experimental Station: Harpenden], 1940. pp. 293, frontis., 8vo.
With some notes by W. F. Perkins and a letter to him from Miss Aslin dated November 14th, 1940. pasted in at back of book.

Rothamsted Jubilee Fund

- 1496 Report of the executive committee of the Rothamsted jubilee fund, with an account of the proceedings at the commemoration of the jubilee of the Rothamsted experiments, Saturday, July 29th, 1893. [Wilkes: London, c. 1893].
pp. 40, port. frontis., plt., 8vo.

Rothwell, William

- 1497 Report of the agriculture of the county of Lancaster . . . written for the Royal agricultural society of England, 1849, [etc.]. Groombridge & Sons, [etc.]: London, [etc.], 1850. pp. [v]-x, 162, 67, mp. frontis., plt., illus., 8vo.

Rowlin, Joshua

- 1498 The complete cow-doctor, or Farmer's companion; treating of the most common disorders of black-cattle, their causes, symptoms, and cures. To which is prefixed, the natural history of that animal, [etc.]. 7th ed., with additions. Barnard & Sultzer for R. S. Kirby: London, [c. 1810]. pp. [viii], 216, sm. 8vo.

Royal Agricultural College, Cirencester. *see* Cirencester—
Royal Agricultural College. 335-40

Royal Agricultural Society of England

- 1499 Agricultural research in 1925 (-1950). R.A.S.E. (J. Murray): London, 1926-51. 6 vol., 8vo.
then
The farmer's guide to agricultural research in 1951. J. Murray: London, 1952. pp. vii, 204, [12], 8vo.
The Farmer's guide to agricultural research in 1952 and subsequent years is contained in the Journal of the Royal Agricultural society of England, vol. 94- , 1953- .
- 1500 Catalogue of the library of the Royal agricultural society of England. [Compiled by G. E. Manwaring]. R.A.S.E.: London, 1918. pp. [ii], iv, [5]-386, 8vo.
- 1501 Hints on butter-making. [Issued by the Royal agricultural society of England]. W. Clowes: London, [1879]. pp. 8, illus., 8vo.
- 1502 The journal of the Royal agricultural society of England. vol. 1-105, 1840-1944. J. Murray: London, 1840-[1944]. 105 vol., 8vo.
Vol. 26-50 are numbered Second series, 1-25, and vol. 51-61, Third series, 1-11.
— . General index to the Second series, 1865-1889. J. Murray: London, 1890. pp. 242, 8vo.
— . General index to the Third series, 1890-1900. J. Murray: London, 1915, pp. [ii], 165, 8vo.
- 1503 Objects & plan of the Woburn experiments. [n.p., 1878]. pp. 16, illus., 8vo.
- 1504 Objects, plan and results of the Woburn experiments. [Wilkes: London, 1880]. pp. 17, illus., 8vo.

Royal Agricultural Society of England

- 1505 . . . Recommendations of a special committee appointed by the executive committee of the society to consider post-war agricultural policy . . . sir Arthur Hazlerigg, bt., chairman. [R.A.S.E.: London], 1941. cover-title, pp. 19, 4to.
see Bacon, Richard Noverre. The report on the agriculture of Norfolk, to which the prize was awarded by the Royal agricultural society of England. 1844. 74
see Clarke, sir Ernest. History of the Board of agriculture, 1793-1822. [Issued under the auspices of the Royal agricultural society of England]. 1898. 349
see Fream, William. Elements of agriculture: a text-book prepared under the authority of the Royal agricultural society of England. 3rd ed. 1892. 639
see Raynbird, William and Raynbird, Hugh. On the agriculture of Suffolk. Including the report to which the prize was awarded by the Royal agricultural society of England. 1849. 1420
see Rothwell, William. Report of the agriculture of the county of Lancaster, written for the Royal agricultural society of England. 1850. 1497

Royal Commission for the Exhibition of the Works of Industry of all Nations, 1851

Report to H.R.H. the President of the Commission. On agricultural implements, class IX. [c. 1851]. *see* Pusey, Philip. 1403

Royal Commission on Agriculture, England

- 1506 . . . Report by mr. [Arthur] Wilson Fox (Assistant commissioner) on the county of Suffolk. Presented to both houses of Parliament by command of Her Majesty. (C.7755). H.M.S.O.: London, 1895. pp. 154, fol.
On cover in ms: From Arthur Wilson Fox.

Royal Counties' Agricultural Society

- 1507 Report of the council, summary of the proceedings of the annual general meeting; financial statement; list of members; report of and awards of prizes at the Portsmouth, 1891 (Redhill, 1892; Southampton, 1895; Windsor, 1899; Winchester, 1900) meeting, and rules of the society. [The Society]: Basingstoke, [1892-94, 1900-01]. 5 vol., 8vo.
The reports on the meetings in each case are by W. F. Perkins.

Royal Dublin Society, *see* Dublin Society. 526-30

Royal Society for the Promotion and Improvement of the Growth of Flax in Ireland

Extract from the Annual report for 1848 and Secretary's report on Schenck's system (by James MacAdam). in **Schenck, R. B.** The patent system of steeping and preparing flax. 1849. 1524

Practical instructions for the cultivation of flax. [Ed. with additions, by W. S. and E. Purdon]. 1864. *see Purdon, W. S. and Purdon, E., eds.* 1399

Royal Society of Arts. *see Society for the Encouragement of Arts, Manufactures and Commerce*

Rubichon, Maurice, and Mounier, L., eds.

- 1508 On the condition of the agricultural classes of Great Britain and Ireland. With extracts from the parliamentary reports and evidence from 1833 to 1840, and remarks by the French editor, published at Vienna. With a preface by Henry Drummond. J. Murray: London, 1842. 2 vol., 8vo.

Translation of *De l'agriculture et de la condition des agriculteurs en Irlande et dans la Grande Bretagne*, published in 1840.

Rudge, Thomas

- 1509 General view of the agriculture of the county of Gloucester. Drawn up for . . . the Board of agriculture [etc.]. R. Phillips: London, 1807.
pp. viii, 408, mp. frontis., pls. (incl. mps.), illus., 8vo.
- 1510 ——. [Another issue]. Sherwood, Neely & Jones: London, 1813.

Ruffy, William Joseph. *see Evans and Ruffy's Farmer's journal and agricultural advertiser.* 577

Rural improvements, or Essays on the most rational methods of improving estates. By a land owner [i.e. J. Wimpey]. 1775.
see Wimpey, Joseph. 1931

Rural oeconomy: or, Essays on the practical parts of husbandry. By the author of the farmer's letters [i.e. A. Young]. 1770.
see Young, Arthur, 1741–1820. 1995

Rural recreations; or, Modern farmer's calendar. By a farmer [signed A.C.H.]. 1802. *see H., A. C.* 733

Ruricola, pseud.

- 1511 Dairy farming. The rearing and feeding of dairy stock, and the management of their produce. L. Reeve: London, 1856.
pp. viii, 267, illus., 8vo.

- Russell, Herbrand Arthur, *11th duke of Bedford*
- 1512 A great agricultural estate: being the story of the origin and administration of Woburn and Thorney. J. Murray: London, 1897. pp. [viii], 254, 2, 8vo.
- Russell, Herbrand Arthur, *11th duke of Bedford, and Pickering, Spencer Umfreville*
- 1513 Report on the working and results of the Woburn experimental fruit farm. Second report. Eyre & Spottiswoode: London, 1900. pp. v, 260, pls., illus., 8vo.
- Russell, James M. *see* Brooks, George. The destruction of Scottish agriculture. A statement of facts respecting . . . agriculture in Scotland, especially in East Lothian, with some particulars of the case of mr. James M. Russell. 1885. 230
- Russell, lord John, *afterwards 1st earl Russell. see* Stoddart, George Henry. The true cure for Ireland, the development of her industry: being a letter addressed to lord John Russell. 1847. 1681
- Russell, Joseph
- 1514 A new system of agriculture; wherein the defects of the old practice of fallowing are distinctly pointed out . . . To which are added, The management of the dairy, . . . with observations on the horse, cattle, and sheep, their diseases and treatment, [etc.]. The author, [etc.]: Kenilworth, [etc.], 1840. pp. xiv, [ii], 749, frontis., plt., 8vo.
- 1515 A treatise on practical and chemical agriculture, compiled, principally, from the scientific works of sir H. Davy . . . with a dissertation on the cultivation of the soil . . . and the way to ascertain the value of land, tithes, and parish assessments . . . an essay on red clover, [etc.]. 2nd ed. The author, [etc.]: Kenilworth, [etc.], [1840]. pp. xvi, [ii], [15]-424, [2], frontis., plt., 8vo.
- Rutty, John
- Extracts from Essay towards a natural history of the county of Dublin. *in* Dutton, Hely. Observations on mr. Archer's Statistical survey of the county of Dublin. 1802. 540
- Rye, George
- Considerations on agriculture: treating of the several methods practised in Ireland. [Sometimes attributed to G. Rye]. 1730. *see* Considerations on agriculture . . . 383

S., A.

- 1516 The husbandman's instructor, or, Countryman's guide. Containing plain and approved rules for the ordering, chusing, . . . bulls, cows, . . . poultry . . . also instructions for destroying . . . vermin . . . By A.S. gent. A. [*sic*, for G.?] Conyers: London, [1705 or later]. pp. [iv], 138, [2], frontis., sm. 8vo. (12mo.)
Preface signed A.S. and J.L., the latter being almost certainly J. Lambert: the work consists in the main of a paraphrase of Lambert's *The countryman's treasure* (942). It in no way resembles the work of Adolphus Speed, to whom it is sometimes attributed. Contains advertisements for books published c. 1705-07.

S., J.

Profit and pleasure united, or The husbandman's magazine.
By J.S. [i.e. J. Smith]. 1684. *see* Smith, J. 1612

S., J.

- 1517 [The shepherd's kalender. Or, The citizen's and country man's daily companion . . . to which is added, The country man's almanack . . . Being about forty years study and experience of a learned shepherd. 5th ed., with additions. C. Htch [*sic*, for Hitch], R. Ware & J. Hodges: London, [c. 1737].]
pp. 157, frontis., illus., sm. 8vo. (12mo.)
Preface signed J.S. Style and content suggest that this work, which was first published c. 1695, may be by J. Smith, author of *Profit and pleasure united*, 1684 (no. 1612), which is similarly signed with initials. Lacks pp. 1-8 (A1-4, i.e. frontis., t.p. and *Preface to the Reader*) pp. 57-8 (C9), 117-118 (F3) and possibly last leaf (G12, blank?) Many pages misnumbered, and numerous running titles misplaced or misprinted. Title and collation supplied from Birmingham University Library copy.

S., R.

- 1518 Proposals and inducements for a considerable number of people, to joyn in the purchas of several thousand acres, of drein'd and derelict lands, in several counties of England [etc.]. Printed at London, 1726. pp. xvi, 31, 8vo.

Signed at end: R.S. A note on page 31 suggests that the author might be R. Stonyclift. Heavily cropped, with damage to imprint, footnotes and catch-words on several pages.

Saddle and sirloin. By the Druid [i.e. H. H. Dixon]. [1870].
see Dixon, Henry Hall. 493

Saint Bel, Charles Vial de. *see* Vial de Saint Bel, Charles. 1820

Salisbury, James Brownlow William Gascoyne-Cecil, 2nd *marquis of*. *see* Cecil

Salisbury, William

- 1519 The cottager's agricultural companion; comprising a complete system of cottage agriculture: intended to instruct the poor of Great Britain in the best arts of cottage husbandry. F. C. & J. Rivington: London, 1822. pp. xii, 96, 8vo.

- Sampson, George Vaughan
- 1520 Statistical survey of the county of Londonderry . . . drawn up for . . . the Dublin society. Graisberry & Campbell: Dublin, 1802. pp. xxiii, [2], 509, 42, pls. (incl. mps.), illus., 8vo.
- Sanborn, Katherine Abbott
- 1521 Adopting an abandoned farm. D. Appleton: New York, 1891. pp. 171, sm. 8vo.
- Sandilands, hon. Robert
- 1522 A short account of the instrument called the sward-cutter invented by the honourable Robert Sandilands. J. Bell: Edinburgh, 1786. pp. 19, frontis., 8vo.
- Saunders, Alfred
- 1523 Our horses: or, The best muscles controlled by the best brains. S. Low: London, 1886. pp. x, 509, xiv, pls., 8vo.
- A Scheme for establishing county poor-houses, in the kingdom of Ireland. [By R. Woodward]. 1766. *see* Woodward, Richard, *bp.* 1942
- Schenck, R. B.
- 1524 The patent system of steeping and preparing flax, with a report on the flax works of messrs. Bernard & Koch, Newport, County Mayo. R. B. Schenck, patentee. F. D. Finlay: Belfast, 1849. pp. 23, 8vo.
- Pages [7]–12 contain an extract from the *Annual report* of the Royal society for the promotion and improvement of the growth of flax in Ireland [for 1848?] and pp. [13]–18 the Secretary's report to the Committee of the Society on Schenck's system (by James MacAdam).
- 1525 The School of arts; or, New book of useful knowledge. Containing the management and breeding of canary birds . . . , observations in husbandry . . . together with a valuable collection of receipts, for the cure of most disorders incident to horse and beasts, by J. Cundall [etc.]. 5th ed. A. Hambleton: [n.p., c. 1795]. pp. iv, 5–112, 8vo.
- Page ii misnumbered iii. Most of the material, with the exception of Cundall's *Receipts, etc. for horses and beasts*, is identical with that of *The NEW HANDMAID to arts, etc.* 1793, no. 1267.
- Schröter, Carl, *jt. author*
see Stebler, Friedrich Gottlieb and Schröter, Carl. The best forage plants fully described and figured. 1889. 1664
- Scoffern, John
- 1526 The young farmer's guide: a handy book of the composition of soils, and the influence of manures in ameliorating them. Bell & Daldy: London, [c. 1870]. pp. [ii], viii, 216, illus., 8vo.

Scotch Farmer

An immediate and effectual mode of raising the rental of the landed property of England . . . By a Scotch farmer now farming in Middlesex [i.e. J. C. Loudon]. 1808. *see Loudon, John Claudius*. 1052

The utility of agricultural knowledge . . . with an account of an institution formed for agricultural pupils in Oxfordshire. By a Scotch farmer and land-agent resident in that county, [i.e. J. C. Loudon]. 1809. *see Loudon, John Claudius*. 1056

Scotland—Commissioners and Trustees for improving Fisheries and Manufactures. *see Commissioners and Trustees for improving Fisheries and Manufactures in Scotland*. 375–6

Scotland [Appendix]

The interest of Scotland considered in employing of the poor, its agriculture. [By P. Lindesay]. 1756. *see Lindesay, Patrick*. 1017

The new statistical account of Scotland. 15 vol. 1845. *see The New statistical account* . . . 1268

Present state of husbandry in Scotland. Extracted from reports made to the Commissioners of the annexed estates. [By A. Wight]. 4 vol. 1778–84. *see Wight, Andrew*. 1911

- 1527 The Scots farmer: or, Select essays on agriculture; adapted to the soil and climate of Scotland. W. Auld: Edinburgh, 1775–74. 2 vol., 8vo.

Scott, Charles

- 1528 The practice of sheep-farming. T. C. Jack: Edinburgh [and] London, 1886. pp. xvi, [9]–210, frontis., 8vo.

Two frontispieces facing one another precede the title-page.

see Scott, John and Scott, Charles. Blackfaced sheep: their history, distribution, and improvement. 1888. 1537

Scott, H. H.

Artificial manures and how they can be used with profit. *in King, J. Falconer*. Analyses and report of manures & feeding stuffs. [1881]. 933

Scott, John

- 1529 Barn implements and machines: a practical treatise on the application of power to the operations of agriculture [etc.]. (*Scott's Farm Engineering Text-books*, 5). C. Lockwood: London, 1884. pp. xii, 199, illus., 8vo.

- 1530 Draining and embanking: a practical treatise embodying the most recent experience [etc.]. (*Scott's Farm Engineering Text-books*, 1). C. Lockwood: London, 1885. pp. vii, [ii], 133, illus. 8vo.

Scott, John

- 1531 Farm buildings: a practical treatise on the buildings necessary for various kinds of farms, [etc.]. (*Scott's Farm Engineering Textbooks*, 4). 3rd ed. C. Lockwood: London, 1897. pp. xii, 167, illus., sm. 8vo.
- 1532 Farm roads, fences, and gates: a practical treatise on the roads, tramways, and waterways of the farm; the principles of enclosures; and the different kinds of fences, gates and stiles. (*Scott's Farm Engineering Text-books*, 3). C. Lockwood: London, 1883. pp. vi, [ii], 123, illus., 8vo.
- 1533 The farm valuer. 2nd ed. Longmans: London, 1879. pp. viii, 102, [2], 8vo.
- 1534 Field implements and machines: a practical treatise on the varieties now in use, with principles and details of construction, their points of excellence, and management. (*Scott's Farm Engineering Text-books*, 6). C. Lockwood: London, 1884. pp. x, 181, illus., 8vo.
- 1535 Manures and manuring. The Official Guide: Dublin, 1886. pp. [iii], [240]-241, 239, 8vo.
Pages [240]-241 contain the index, which was evidently intended originally to follow the text.

Scott, John and Morton, John Chalmers

- 1536 The soil of the farm. (*Handbooks of the Farm*, 4: gen. ed. J. C. Morton). 2nd ed. Bradbury, Agnew: London, 1884. pp. vi, [ii], 134, 8vo.

Scott, John and Scott, Charles

- 1537 Blackfaced sheep: their history, distribution, and improvement. With methods of management, and treatment of their principal diseases. T. C. Jack: Edinburgh [and] London, 1888. pp. xiv, [2], 307, frontis., pls., illus., 8vo.

Scott, sir Walter, 1st bart. *see* MacCulloch, John. The Highlands and Western isles of Scotland, containing descriptions, in letters to sir Walter Scott. 4 vol. 1824. 1083

Scottish Farmer

The present position, prospects, and duties of the Scottish farmer. 1866. *see* Present position . . . 1380

Scottish Tenant-Farmer, *pseud.*

- 1538 On the management of farm stock in health and disease, and more especially of dairy cows. To which are added some practical suggestions for the prevention and treatment of rinderpest or steppe murrain, [etc.]. By a Scottish tenant-farmer. W. Blackwood: Edinburgh & London, 1866. pp. 36, 8vo.

Scribner, Frank Lamson-. *see* Lamson, Frank. *afw.* Lamson-Scribner

Sebright, sir John Saunders, 7th bart.

- 1539 The art of improving the breeds of domestic animals. In a letter addressed to sir Joseph Banks. J. Harding: London, 1809. pp. 31, 8vo.

see Hunt, John. Agricultural memoirs. In answer to sir John Saunders Sebright, bart. 1812. 845

Seebohm, mrs. Mabel Elizabeth, born Christie

- 1540 The evolution of the English farm. G. Allen & Unwin: London, 1927. pp. 376, frontis., pls., illus., 8vo.

- 1541 Select essays on husbandry. Extracted from the Museum rusticum, and Foreign essays on agriculture. Containing a variety of experiments, all of which have been found to succeed in Scotland. J. Balfour: Edinburgh, 1767. pp. [ii], viii, 408, plt., 8vo.

This was attributed to Mark Catesby by W. F. Perkins, apparently owing to a misreading of Weston, p. 88.

Seller, William and Stephens, Henry

- 1542 Physiology at the farm in aid of rearing and feeding the live stock. W. Blackwood: Edinburgh & London, 1867. pp. xxix, 634, illus., 8vo.

Seneschaucie

see Walter, of Henley. Walter of Henley's Husbandry, together with an anonymous Husbandry, Seneschaucie, and Robert Grosseteste's Rules. 1890. 1857

Senilis, *pseud.*, i.e. John Nelson. *see* Nelson, John. 1261

A Series of experiments in agriculture. [By M. Birnie]. 1829. *see* Birnie, Moses. 161

Serle, Robert

- 1543 A dissertation on landed property, so far as respects manors, farms, mills, and timber. J. Hatchard: London, 1802. pp. [vi], ii, 40, 8vo.

Seton, William

The interest of Scotland considered, with regard to its police in employing of the poor, its agriculture, [etc. Sometimes attributed to William Seton, but more probably by Patrick Lindesay]. 1736. *see* Lindesay, Patrick. 1017

The attribution to Seton is apparently due to a confusion of this work with Seton's *The interest of Scotland in three essays*. 1700

- Sharp, James**
- 1544 Descriptions of some of the utensils in husbandry, rolling carriages, cart rollers, and divided rollers for land or gardens, mills, weighing engines, &c. &c. made and sold by James Sharp, [etc.]. B. White, [etc.]: London, [1773]. pp. [32], pls., obl. la. 8vo.
Two of the plates are signed 'Blake sculpt'. Abchurch Lane': these are the work of W. S. Blake, not of William Blake the poet.
- Sharp, Joseph Budworth**
- 1545 The Anti-corn-law league and the cotton trade. A letter to a noble lord. L. Thompson: London, 1844. pp. 15, plt., 8vo.
In AGRICULTURAL PROTECTION SOCIETY. Tracts issued up to 1844. 20.
- Sharrock, Robert**
- 1546 The history of the propagation & improvement of vegetables by the concurrence of art and nature, [etc.]. 2nd ed., much enlarged. W. Hall for R. Davis: Oxford, 1672. pp. [xvi], 255, [8], sm. 8vo. (8vo.)
Wing S 3011.
- Shaw, William**
see The Farmers' almanac for 1847. By C. W. Johnson and W. Shaw. no. 1, vol. 3. [1846]. 592
see Parliament—House of Commons—*Select Committee on Agricultural Customs*. Digest of evidence. Compiled and arranged by W. Shaw and H. Corbet. 1849. 1312
- 1547 The Sheep: its varieties and management in health and disease. Condensed from Morton's 'Farmers' calendar', 'Mammalia', etc., etc. (*Warne's Country Library*). F. Warne: London; Scribners, Welford and Armstrong: New York, [1873]. pp. [ii], iii, 119, frontis., illus., sm. 8vo.
An ed. of 1894, 'revised and enlarged by George Armatage' is entered under ARMATAGE, no. 67. There is nothing in the present ed. to suggest that Armatage is its author.
- 1548 Sheep and pigs, and other live stock. A complete guide to the breeding and rearing of sheep, pigs, goats, asses, and mules. (*Country Life Books*, 4). Ward, Lock: London, [1881]. pp. viii, 118, frontis., illus., 8vo.
Identical with the section 'Sheeps, pigs, goats, etc.' in Beeton's *Farmer's own book* (no. 142), and in Ward Lock's *Book of farm management* (no. 1860).
- Sheldon, John Prince**
- 1549 British dairying: a handy volume on the work of the dairy farm for the use of technical instruction classes, students in agricultural colleges, and dairy farmers. 2nd ed., rev. C. Lockwood: London, 1896. pp. x, 170, frontis., illus., 8vo.

Sheldon, John Prince

- 1550 Dairy farming: being the theory, practice, and methods of dairying. By J. P. Sheldon, assisted by leading authorities in various countries. Cassell: London, [etc.], [c. 1880]. pp. xxii, 570, frontis., plts., illus., 4to.
- 1551 The farm and the dairy. (*Bell's Agricultural Series*). 2nd ed. G. Bell; London, 1893. pp. viii, 154, illus., 8vo.
- 1552 The future of British agriculture: how farmers may best be benefited. W. H. Allen: London, 1893. pp. [vi], ii, 158, 8vo.
- 1553 Live stock in health and disease: the breeding and management of horses, cattle, sheep, goats, pigs and poultry. With chapters on dairy farming and a full and detailed veterinary vade-mecum, by A. H. Archer. Ed. by J. Prince-Sheldon. Special ed. Cassell: London, [etc.], [1902]. pp. x, [ii], 627, frontis., plts., illus., 4to.

The *Shepherd's* kalender. Or, The citizen's and country man's daily companion. [By J.S.]. 5th ed. [c. 1737]. *see* S., J. 1517

Sheppard, J. H.

- 1554 A practical treatise on the use of Peruvian and Ichaboe African guano, the most powerful, portable, and the cheapest manure in the world, with . . . valuable information on wheat culture, and the nature and modes of using gypsum as a manure, [etc.]. 2nd ed. Simpkin, Marshall: London; G. Philip: Liverpool, 1844. pp. iv, [5]-68, 8vo.

Sherer, John

- 1555 Rural life described and illustrated, in the management of horses, dogs, cattle, sheep, pigs, poultry, etc., etc. . . . with authentic information on all that relates to modern farming, gardening, shooting, angling, etc., etc. And a complete system of modern veterinary practice. London Printing & Publishing Co.: London & New York, [1868-69]. pp. xvi, 1016, frontis., plts., illus., la. 8vo.
With additional engraved title-page facing the frontispiece.

Shiels, William, *illustrator*

see Low, David. The breeds of the domestic animals of the British Isles, illustrated with plates from a series of portraits from life by W. Shiels. 2 vol. [in 1]. 1842. 1058

Shirreff, John

- 1556 General view of the agriculture of the Orkney islands drawn up for . . . the Board of agriculture. Stevenson, for A. Constable: Edinburgh; Longman: London, 1814. pp. ix, 195, 66, 12, 8vo.

Shirreff, John

- 1557 General view of the agriculture of the Shetland islands . . . drawn up for . . . the Board of agriculture. Stevenson, for A. Constable: Edinburgh; Longman: London, 1814. pp. vii, 135, 63, 8, 8vo.

Bound with 1556. A ms. copy of a letter from "the Royal Society of London to Thomas Edmonston Esq^{re} of Birness in Shetland" is inserted at the front of the volume.

see Brown, Robert, 1757-1831, *of Markle, Haddington*

General view of the agriculture of the West riding of Yorkshire. Surveyed by messrs. Rennie, Brown & Shirreff, 1793. With additional information. 1799. 239

see Rennie, George, 1749-1828, *and others*. General view of the agriculture of the West riding of Yorkshire. By messrs. Rennie, Brown, and Shirreff. 1794. 1426

Shirreff, Patrick

- 1558 Improvement of the cereals, and an essay on the wheat-fly. W. Blackwood: Edinburgh & London, 1873. pp. xi, [ii], 112, frontis., pls., 8vo.

Printed for private circulation.

Short notes on silo experiments and practice. Extracted from Silos for preserving British fodder crops [by F. W. Toms]. 1884. *see* Toms, Frederick Woodland, *comp.* 1749

- 1559 **Short observations** on a commutation of tithes for government annuities. J. Ferraby, [etc.]: Hull, [etc.], 1798. pp. 16, 8vo.

Shuttleworth, Ughtred James Kay-, 1st baron

- 1560 First principles of modern chemistry. A manual of inorganic chemistry for students and for use in schools and science classes. 2nd ed., rev. and corrected. J. Churchill: London, 1870. pp. viii, 214, illus., 8vo.

Sibson, Alfred

- 1561 Agricultural chemistry. A familiar explanation of the chemical principles involved in the operations of the farm. With a preface by Augustus Voelcker. G. Routledge; London [and] New York, 1858. pp. viii, 239, illus., sm. 8vo.
- 1562 Artificial manures, how to make, buy, value, and use. Giving the composition of the various manures at present in use, . . . with recipes for their admixture, etc., with hints for their . . . employment in the field. new ed., greatly extended. W. Ridgway: London, 1878. pp. vi, 124, 8vo.

Sibson, Francis

- 1563 An essay on the nature and causes of the failure of the potato crop, with the means of prevention and cure. A. Balfour: Edinburgh, 1834. pp. 32, 8vo.

Sidney, Edwin

- 1564 Blights of the wheat, and their remedies. (*R.T.S. Monthly Volume*). Religious Tract Society: London, [1846].
pp. vi, [7]–192, illus., sm. 8vo.
- 1565 The field and the fold; or, A popular exposition of the science of agriculture. Religious Tract Society: London, [1854].
pp. iv, [5]–192, sm. 8vo.

Sidney, Samuel

- 1566 The book of the horse . . . with hints on horsemanship; the management of the stable; breeding, breaking, and training for the road, the park, and the field. Cassell: London, [etc.], [c. 1875]. pp. [iv], 604, port. frontis., plts., illus., 4to.
- 1567 Railways and agriculture in north Lincolnshire. Rough notes of a ride over the track of the Manchester, Sheffield, Lincolnshire, and other railways. W. Pickering: London, 1848.
pp. xv, 103, plt. (mp.), sm. 8vo.
see Martin, William Charles Linnaeus. The pig. A new ed., rev. and ed. by Samuel Sidney. [1857]. 1158

Sillett, John

- 1568 A new practical system of fork and spade husbandry. A new and improved ed. Simpkin, Marshall: London; J. M. Burton: Ipswich, 1850. pp. [ii], viii, 53, illus., 8vo.
- 1569 ——. A new and improved ed. Simpkin, Marshall: London; J. M. Burton: Ipswich, 1852. pp. iv, 43, illus., 8vo.
- 1570 A practical treatise on feeding & fattening pigs; with a statement of the profits of keeping these animals, compared with that of keeping cows. Also, A report of successful experiments in the cultivation and cropping of two acres of land. Simpkin, Marshall: London; J. M. Burton: Ipswich, 1851.
pp. [iv], 26, frontis., illus., 8vo.

Silos for preserving British fodder crops stored in a green state. Compiled by the sub-editor of 'The Field' [i.e. F. W. Toms]. 1883. *see* Toms, Frederick Woodland, *comp.* 1750

Simmonds, Peter Lund

- 1571 Animal products: their preparation, commercial uses, and value. (*South Kensington Museum Science Handbooks*). Chapman & Hall: London, 1877. pp. xx, 416, illus., 8vo.
- 1572 Hops; their cultivation, commerce, and uses in various countries. A manual of reference for the grower, dealer, and brewer. E. & F. N. Spon: London [and] New York, 1877.
pp. viii, 135, 8vo.

Simmonds, Peter Lund

- 1573 Waste products and undeveloped substances: a synopsis of progress made in their economic utilisation during the last quarter of a century at home and abroad. 3rd ed. Hardwicke & Bogue: London, 1876. pp. iv, 491, 8vo.

Simmons, Jedediah

- 1574 Valuable secrets relative to gardening and agriculture, now made known. J. Barfield: London, 1795. pp. 23, sm. 8vo.

Simonds, James Beart

- 1575 The age of the ox, sheep, and pig; being the substance of two lectures delivered before the Royal agricultural society of England on the structure and development of the teeth of these animals. W. S. Orr: London, 1854.
pp. 6, [2], [7]-118, frontis., illus., 8vo.
- 1576 A practical treatise on variola ovina, or, small-pox in sheep, containing the history of its recent introduction into England; with the progress, symptoms, and treatment of the disease, [etc.]. J. Ridgway; J. Churchill: London, 1848.
pp. viii, 157, [2], frontis., pls., 8vo.
- 1577 The rot in sheep; its nature, cause, treatment, and prevention. 4th ed., rev. J. Murray; Royal Agricultural Society of England: London, 1880. pp. viii, 100, illus., 8vo.
Reprinted, with additions, from the *Journal of the Royal agricultural society of England*, vol. 23, 1862.

Simpson, Pinder

- 1578 On the improved beet root as winter food for cattle. 4th ed. Taylor & Hessey: London, 1815. pp. xiv, [15]-67, sm. 8vo.

Sinclair, George

- 1579 Hortus gramineus Woburnensis: or, An account of the results of experiments on the produce and nutritive qualities of different grasses and other plants used as the food of the more valuable domestic animals: instituted by John, duke of Bedford, [etc.]. J. Ridgway: London, 1823.
pp. xx, 458, pls., la. 8vo.
First published in folio in 1816.
- 1580 Useful and ornamental planting, with an index. Published under the superintendence of the Society for the diffusion of useful knowledge. [Ed. by G. Sinclair]. Baldwin & Cradock: London, 1852. pp. iv, 151, illus., 8vo.
Appears also in BURKE (J. F.) *British husbandry*, vol. 3, 1840. 267.
Sometimes attributed to mrs. Jane London.
see Holdich, Benjamin. An essay on the weeds of agriculture. Ed. by G. Sinclair. 4th ed. [c. 1856]. 809

Sinclair, James, *ed.*

- 1581 History of shorthorn cattle. Vinton: London, 1907.
pp. [ii], xiv, 895, frontis., pls., 8vo.
- 1582 History of the Devon breed of cattle. Vinton: London, 1895.
pp. [viii], 592, pls., 8vo.

Published for the Devon Cattle Breeders' Society.

Live stock handbooks; gen. ed., J. Sinclair.

1. Wrightson, J. Sheep. 1908. 1960
2. Blew, W. C. A., and others. Light horses. 1894. 182
3. Biddell, H., and others. Heavy horses. 5rd ed. 1898. 154
4. Housman, W. Cattle. 3rd ed. [1902]. 835
5. Spencer, S. Pigs. 1897. 1655

Morton's Handbooks of the farm series. [Originally ed. by J. C. Morton, and after 1892 by J. Sinclair]. *see* Morton, John Chalmers.

- 1583 Sheep: domestic breeds and their treatment. new ed., rev. by James Sinclair: the veterinary section rev. by A. H. Archer. (*Popular Live Stock Series*). Vinton: London, 1896.
pp. 144, frontis., pls., 8vo.

Based on the work of W. C. L. Martin (1159), but 'so thoroughly overhauled that very little of the writing of the original author remains'. (Preface, p. [4].) The title-page is a cancel.

see Macdonald, James, 1852-1915, and Sinclair, James.

History of Hereford cattle. 1886. and History of polled Aberdeen or Angus cattle. 1882. 1091-2

Sinclair, sir John, 1st bart., 1754-1855

- 1584 Account of the origin of the Board of agriculture, and its progress for three years after its establishment. By the president [i.e. sir John Sinclair]. W. Bulmer: London, 1796.
pp. 82, plt. (mp.), 8vo. (sm. 4to.)
- 1585 An account of the systems of husbandry adopted in the more improved districts of Scotland; with some observations on the improvements of which they are susceptible. Drawn up for the consideration of the Board of agriculture, with a view of explaining how far those systems are applicable to the less cultivated parts in England, and Scotland. A. Constable, [etc.]: Edinburgh, [etc.], 1812.
pp. xiii, 432, 20, 152, 77, [2], pls., illus., 8vo.
- 1586 Address to the Society for the improvement of British wool; constituted at Edinburgh, on Monday, January 31, 1791. 2nd ed. T. Cadell: London, 1791. pp. iv, 46, [2], 8vo.

Sinclair, *sir John*, 1st *bart.*, 1754–1835

- 1587 The code of agriculture; including observations on gardens, orchards, woods and plantations; with an account of all the recent improvements in the management of arable and grass lands. 5th ed. Sherwood, Gilbert & Piper: London; W. Tait: Edinburgh, 1852.
pp. [iv], vi, [ii], [vii]–viii, 645, frontis., pls., 8vo.
The first 4 unnumbered pages contain the half title and 1832 title-page, the latter with a frontispiece facing it; then follow the title-page of the 2nd ed., 1819, also faced by a frontispiece, and the introduction. The text apparently consists of the sheets of 1819; the paper is watermarked 1818.
- 1588 The correspondence of . . . sir John Sinclair, bart., with reminiscences of the most distinguished characters who have appeared in Great Britain, and in foreign countries, during the last fifty years. H. Colburn & R. Bentley: London, 1831. 2 vol., 8vo.
- 1589 Essays on agriculture, farming, breeding and fattening cattle, and on longevity, [etc.]. 2nd ed. T. Cadell & W. Davies; C. & J. Ofor: London, 1818. pp. vii, 457, pls., 8vo.
- 1590 General report of the agricultural state, and political circumstances, of Scotland. Drawn up for . . . the Board of agriculture . . . under the direction of sir John Sinclair. A. Constable: Edinburgh; Longman: London, 1814. 5 vol., 8vo.
Vol. [4] & [5]: Appendix to the General report [etc.].
- 1591 General view of the agriculture of the northern counties and islands of Scotland; including the counties of Cromarty, Ross, Sutherland, and Caithness, and the islands of Orkney and Shetland . . . [With an appendix to the agricultural survey of the northern districts]. Drawn up for . . . the Board of agriculture [etc.]. C. Macrae: London, 1795.
pp. [ii], xxi, 281, 45, mp. frontis., pls. (incl. mp.), illus., 8vo. (sm. 4to.)
- 1592 Hints on vegetation; and questions regarding the nature and principles thereof. Addressed to farmers, nurserymen and gardeners. [By sir John Sinclair.] B. McMillan: London, 1796. pp. 27, 4to.
Pages [11]–27 contain Queries, which are printed in a single column down the left side of the page, leaving the right-hand column blank for the insertion of answers, which are to be transmitted to sir John Sinclair at the Board of agriculture.
- 1593 Hints regarding cattle. [By sir John Sinclair.] W. Bulmer: London, [1802?]. pp. [ii], 16, 4to.

Sinclair, *sir* John, 1st bart., 1754–1855

- 1594 Hints regarding the agricultural state of the Netherlands, compared with that of Great Britain; and some observations on the means of diminishing the expence of growing corn; of preventing the mildew in wheat, the rot in sheep, and the introduction of other improvements into British agriculture. G. & W. Nicol, [etc.]: London; Constable: Edinburgh, 1815. pp. vi, [5]–85, xlv, pls., 8vo.
- 1595 The land of Nineveh, a fragment. Addressed to the farmers of Great Britain and Ireland, by a friend to husbandry [i.e. sir John Sinclair]. [n.p., 1795?]. pp. 4, 4to. (a single half-sheet, folded).
- 1596 Observations on the means of enabling a cottager to keep a cow, by the produce of a small portion of arable land. Drawn up for the consideration of the Board of agriculture [etc.]. W. Bulmer: London, 1801. pp. 18, 4to.
- 1597 Proposals for establishing by subscription, a joint stock farming society, for ascertaining the principles of agricultural improvement. Submitted to the consideration of the friends to agricultural, and other public improvements. W. Bulmer: London, 1799. pp. viii, 9–26, [ii], pls., 4to.
- 1598 Result of an inquiry, into the nature and causes of the blight, the rust, and the mildew . . . With some observations on the culture of spring wheat. A. Neill for A. Constable: Edinburgh; T. Cadell & W. Davies: London, 1809. pp. v, [7]–74, [2], 17, 60, 8vo.
- 1599 The statistical account of Scotland. Drawn up from the communications of the ministers of the different parishes. W. Creech, [etc.]: Edinburgh, [etc.], 1791–99. 21 vol., 8vo.
 For the *New Statistical account of Scotland*. 1845. *see* NEW STATISTICAL ACCOUNT . . . 1268.
see Anderson, James. Two letters to sir John Sinclair on the subject of draining wet and boggy lands &c. 1796. 55
see Greg, Thomas. A letter to sir John Sinclair, containing a statement of the system, under which a considerable farm is profitably managed in Hertfordshire. 1809. 717
see Hunter, Alexander. Outlines of agriculture, addressed to sir John Sinclair. 1797. 847
see Knox, William. Letter addressed to sir John Sinclair, bart., respecting the important discovery of a method to extinguish fire. 1795. 940
see Sinclair, John, 1797–1875. Memoirs of the life and works of the late sir John Sinclair, bart. 2 vol. 1857. 1600

- Sinclair, John, 1797–1875**
- 1600 *Memoirs of the life and works of the late . . . sir John Sinclair, bart. By his son, the rev. John Sinclair.* W. Blackwood: Edinburgh; T. Cadell: London, 1837. 2 vol., 8vo.
- Singer, William**
- 1601 *General view of the agriculture, state of property, and improvements, in the county of Dumfries; drawn up under the direction of the Board of agriculture, and at the request of the landholders of the county.* Sherwood, Neely & Jones: London; Ballantyne: Edinburgh, [1812]. pp. xxvi, [ii], 696, mp. frontis., plts., illus., 8vo.
- A *Six months tour through the north of England.* [By A. Young]. 4 vol. 1770. *see* Young, Arthur, 1741–1820. 1996
- A *Six weeks tour through the southern counties of England and Wales.* By the author of the Farmer's letters [i.e. A. Young]. 2nd ed. 1769. *see* Young, Arthur, 1741–1820. 1997
- Skeat, Walter William, ed.**
see Fitzherbert, sir Anthony. The book of husbandry. Reprinted from the edition of 1534. 1882. 612
- Skellett, Edward**
- 1602 *A practical treatise on the breeding cow, and extraction of the calf, before and at the time of calving . . . Including observations on the diseases of neat cattle generally, [etc.].* Sherwood, Gilbert & Piper: London, 1833. pp. xi, 364, plts., la. 8vo.
- Sketches of rural affairs.* 11 pts. 1845–47. [and in 1 vol., 1851]. *see* Society for Promoting Christian Knowledge—Committee of General Literature and Education. 1631–2
- Skilling, Thomas**
- 1603 *The farmer's ready reckoner, or Glasnevin agricultural tables: . . . showing . . . the acreable quantity of any growing . . . crop, in drill or broadcast . . . With a table giving the quantity of labour . . . that ought to be performed in a given time, at a given rate of working.* 2nd ed. J. McGlashan, [etc.]: Dublin, [etc.], 1848. pp. [iv], xxi, 22–200, frontis., sm. 8vo.
- 1604 *The science and practice of agriculture.* J. McGlashan: Dublin; W. S. Orr: London, 1846. pp. viii, 275, illus., 8vo.
- Slaney, Robert Aglionby**
- 1605 *Essay on the beneficial direction of rural expenditure.* Longman: London, 1824. pp. viii, 239, 8vo.
- Slight, James and Burn, Robert Scott**
- 1606 *The book of farm implements & machines.* Ed. by Henry Stephens. W. Blackwood: Edinburgh & London, 1858. pp. xxi, 648, plts., illus., la. 8vo.

Small, James

- 1607 A treatise on ploughs and wheel carriages. To which is annexed, Arbuthnot's Instructions on the formation of ploughs. W. Porter: Dublin, 1802. pp. [viii], iv, [5]–136, pls., 8vo.

Smee, Alfred

- 1608 The potatoe plant, its uses and properties: together with the cause of the present malady, [etc.]. Longmans: London, 1846. pp. xvi, 174, frontis., pls., 8vo.

Smith and co., of Dalston, Hackney

- 1609 A catalogue of hardy trees and shrubs, greenhouse and stove plants, herbaceous plants, and fruit trees . . . Also a large collection of bulbous roots . . . sold by Smith and co., [etc.]. [n.p., c. 1790?]. pp. viii, 72, [ii], 8vo.

Smith, Alexander, of Falkirk

- 1610 Agriculture: a poem in sixteen books. T. C. Jack: Edinburgh, 1861. pp. xv, [17]–281, sm. 8vo.

Smith, sir Frederick

- 1611 The early history of veterinary literature and its British development. Baillière, Tindall & Cox: London, 1919–33. 4 vol., 8vo.

Vol. 2–4 only. Vol. 4 ed. by Fred Bullock. Vol. 2 has, pasted in at front, a letter from Dr. Bullock to W. F. Perkins dated 11th Oct. 1937 explaining the difficulty of obtaining vol. 1, of which 50 copies only were printed. Vols. 2 and 3 have pasted in at back notes by W. F. Perkins.

Smith, J.

- 1612 Profit and pleasure united, or, The husbandman's magazine. Being a most exact treatise of horses . . . cows, calves, sheep, swine, goats, and all other domestick cattle . . . To which is added, The art of angling, hunting, hawking, and the noble recreation of ringing. And making fireworks. By J.S. [i.e. J. Smith]. S. Lee; A. Thorncome: London, 1684. pp. [iv], 210, pls., sm. 8vo. (12mo.)

Wing S 4095. T.C.III 441. Sometimes attributed to John Smith, author of *England's improvement reviv'd* (no. 1614): but there seems no adequate reason for this attribution, and the two books are utterly dissimilar in style and content.

Smith, James, 1789–1850

- 1613 Remarks on thorough draining and deep ploughing. Extracted from the third report of Drummonds' agricultural museum. W. Drummond: Stirling, 1837. pp. 25, pls., 8vo.

Smith, John, *fl.* 1655–1675?

- 1614 England's improvement reviv'd: in a treatise of all manner of husbandry & trade by land and sea, [etc.]. B. Southwood; I. Harrison: London, 1675. pp. [xiv], 270, 8vo. (sm. 4to.)
Wing S 4093. See also 1612

Smith, John, 1747–1807, *minister of Campbeltown*

- 1615 General view of the agriculture of the county of Argyll . . . Drawn up for . . . the Board of agriculture [etc.]. Mundell: Edinburgh, 1798. pp. vii, 325, pls., 8vo.
- 1616 ——. [Another ed.]. R. Phillips: London, 1805. pp. xvi, 347, 2, [2], mp. frontis., pls., 8vo.
- 1617 ——. [Another issue]. Sherwood, Neely & Jones: London, 1813.

On the title-pages of 1616 and 1617 the name of the county is spelt Argyle.

Smith, John, 1757–1842, *M.P., of Dale Park, Sussex*

see Allen, William, 1770–1843, *F.R.S.* A plan for diminishing the poor's rates in agricultural districts. Being a brief account of the objects pursued in Lindfield by John Smith, M.P., and Wm. Allen. 1833. 38

Smith, Joseph A.

- 1618 Productive farming; or, A familiar digest of the recent discoveries of Liebeg, Davy, and other celebrated writers on vegetable chemistry; showing how the results of English tillage might be greatly augmented. W. Tait, [etc.]: Edinburgh, [etc.], 1845. pp. viii, 172, sm. 8vo.

Smith, Robert, *rat-catcher*

- 1619 The universal directory for taking alive and destroying rats, and all other kinds of four-footed and winged vermin, in a method hitherto unattempted, [etc.]. The author: London, 1768. pp. iv, [iii], vii, 218, pls., 8vo.

A printed warning against piracy of the book is pasted on the back of the title-page.

Smith, Robert, 1752–1838, *1st baron Carrington*

see Fullarton, William. A letter, addressed to lord Carrington. 1801. 646

Smith, Robert Angus

- 1620 A study of peat. Part 1. Taylor & Francis: London, 1876. cover-title, pp. [281]–345, 8vo.

From the *Memoirs of the Literary & philosophical society of Manchester*, 3rd ser. vol. 5, 1874–75.

Smith, Samuel, *died c. 1842, minister of Borgue*

- 1621 General view of the agriculture of Galloway, . . . viz. the Stewartry of Kirkcudbright, and Wigtonshire . . . Drawn up for . . . the Board of agriculture [etc.]. R. Phillips: London, 1810. pp. [ii], 3 [i.e. 4], [v]-xiv, 388, pls. (incl. mp.), 8vo.

- 1622 ———. [Another issue]. Sherwood, Neely & Jones: London, 1813. pp. [ii], [v]-xiv, 3 [i.e. 4], 388, mp. frontis., pls. (incl. mp.), 8vo.

In both the above, the sequence of pagination described as 3 [i.e. 4] contains the Advertisement of the reprinted series of Surveys on the first page; this is followed by a list of publications of the Board of agriculture, occupying 3 pages, the last two of which are numbered 2 and 3.

Smith, Samuel, 1794-1867, *vicar of Lois Weedon*

- 1623 Lois Weedon husbandry. By the author of A word in season to the farmer [i.e. Samuel Smith]. J. Ridgway: London, 1856. pp. 118, sm. 8vo.

- 1624 A word in season; or, How the corn-grower may yet grow rich, and his labourer happy . . . [By Samuel Smith]. 9th ed., rev. and greatly enlarged, [etc.]. J. Ridgway: London, 1852. pp. vii, [9]-46, illus., 8vo.

see Burnett, Alexander. Tillage a substitute for manure. Including the particulars of Lois Weedon husbandry. 1859. 281

Smith, William, 1769-1839, *geologist*

- 1625 Observations on the utility, form and management of water meadows, and the draining and irrigating of peat bogs, with an account of Prisleigh bog, and other extraordinary improvements conducted for . . . the duke of Bedford, Thomas William Coke, and others. R. M. Bacon: Norwich; Longman: London, 1806. pp. [iv], xviii, [19]-121, pls., 8vo.

Smith, William, *fl. 1857, of Woolston, Bucks*

- 1626 A letter on steam cultivation, addressed to Benjamin D'Israeli, containing an account of the experiments and practice of the author, with some reasons for the same. J. Wesley: London; E. H. Croydon: Newport Pagnell, 1857. pp. 22, illus., plt., 8vo.

Smith, William, *fl. 1900, dairyman, of Edinburgh*

- 1627 Practical guide to dairying. Banks: Edinburgh, 1900. pp. [9], 15-145, illus., 8vo.

Smith, Worthington George

- 1628 Diseases of field and garden crops, chiefly such as are caused by fungi. (*Macmillan's School Class Books*). Macmillan: London, 1884. pp. xxiv, 353, frontis., illus., sm. 8vo.

Smithfield Club

- 1629 1853 cattle show . . . Descriptive particulars of the cattle, sheep, and pigs, entered for competition . . with the judges' award. G. & J. Wilson: London, [1853]. pp. 40, 8vo.
- 1630 1854 cattle show . . . Descriptive particulars of the cattle, sheep, and pigs, entered for competition . . with the judges' award. G. & J. Wilson: London, [1854]. pp. 40, 8vo.
see Powell, Edwin James. History of the Smithfield club from 1798 to 1900. 1902. 1371

Society for Bettering the Condition and Increasing the Comforts of the Poor. *see* Bernard, sir Thomas, 2nd bart. Account of Britton Abbot's cottage and garden . . . Printed for the Society. 1806. 151
see also Labourers' Friends' Society.

Society for Improvement of British Wool. *see* Society for the Improvement of British Wool

Society for Improving in the Knowledge of Agriculture

A treatise concerning the manner of fallowing of ground . . in Scotland. Publish'd . . by the honourable Society for improving in the knowledge of agriculture. 1724. *see* Maxwell, Robert. 1174

Society for Promoting Christian Knowledge—Committee of General Literature and Education

Agricultural chemistry; or, Chemistry applied to . . agriculture. 1849. *see* Agricultural chemistry . . 18

- 1631 Sketches of rural affairs. S.P.C.K.: London, 1845-47.
11 pt., sm. 8vo.

Nos. 7, 8, 9 lacking. Each part has separate pagination and cover.

- 1632 ——. [Another ed.]. S.P.C.K.: London, 1851.
pp. xii, 371, frontis., illus., sm. 8vo.

The text and illustrations of this ed. are the same as those of that issued in parts, 1845-47 (1631), each part of which forms a chapter of the 1851 ed.; the latter has, however, completely different pagination and is in a larger format.

Society for the Benefit of the Sons and Daughters of the Clergy
The new statistical account of Scotland. 15 vol. 1845. *see*
The New statistical account . . 1268

Society for the Diffusion of Useful Knowledge

British husbandry. Published under the superintendence of the Society . . [By J. F. Burke]. 3 vol. 1854-40, [etc.] *see* Burke, John French. 267-8

The dog. [Published under the superintendence of the Society]. 1845. *see* Youatt, William. 1964

Society for the Diffusion of Useful Knowledge

- 1633 Farm-reports, or, Accounts of the management of select farms, [etc. n.p., c. 1830]–33. pagination irregular, plt. (mp.), illus., 8vo.

Consists of 10 accounts of farms, which are the same as those constituting the first part of vol. 3 of BURKE (J. F.) *British husbandry* (267). In this copy the parts have been bound in the wrong order, and the pagination, properly in 5 sequences, is therefore in 4. pp. 65–68 of the first sequence are duplicated in numbering but not in matter, a fault which also occurs in *British husbandry*.

- 1634 Hints for the practical administration of the poor laws. Under the superintendence of the Society [etc.]. Baldwin & Cradock: London, 1832. pp. 19, 8vo.

Library of useful knowledge.

Booth, D. The art of brewing. [c. 1829]. 195

Sinclair, G., ed. Useful and ornamental planting. 1832. 1580

Youatt, W. Cattle. 1854. 1963

Youatt, W. The horse; with a treatise on draught. 1851. 1965

Youatt, W. Sheep. 1837. 1968

Outlines of Flemish husbandry. [By W. L. Rham. c. 1837]. see Rham, William Lewis. 1433

Society for the Encouragement of Arts, Manufactures, and Commerce

The advancement of arts, manufactures, and commerce; . . . Together with an account of the several discoveries and improvements promoted by the Society. 2 vol. 1772. see Bailey, William. 87

The complete farmer. By a Society of gentlemen, members of the Society [etc.]. 1766, and 2nd ed. 1769. see Complete farmer . . . 379–80

Memoirs of agriculture and other oeconomical arts. 3 vol. 1768–82. see Dossie, Robert. 516

Museum rusticum et commerciale: or, Select papers on agriculture . . . Revised and digested by several members of the Society. 6 vol. 1766, 1764–66. see Museum rusticum . . . 1252

- 1635 Papers on agriculture, horticulture, farming, &c., &c., published by the Society . . . 1810–1843. [The Society: London, 1843]. pagination various, 8vo.

On title-page: *Only one hundred copies selected.* A collection of papers made up by extracting them from the *Transactions* of the Society: each paper retains its original pagination.

Practical observations on the culture of lucerne, turnips, [etc.] communicated by letters to dr. Templeman, secretary of the Society. 1766. see Templeman, Peter. 1733

- 1636 Society for the Encouragement of Domestic Industry**
 The agricultural and industrial magazine of the Society for the encouragement of domestic industry, and for promoting effectual relief from the general distress. vol. 1, October 1834-[August] 1835. J. Cochrane: London, 1835. pp. iv, 320, [289]-292, 8vo.
 Published in 20 parts: covers of pts. 1-5 bound in. Pages [289]-292 contain the index.
- Society for the Improvement of British Wool**
 Observations on the different breeds of sheep, and the state of sheep farming, in the southern districts of Scotland. By J. Naismyth. 1795. *see* Naismith, John. 1258
 Observations on the different breeds of sheep, and the state of sheep farming in some of the principal counties of England. By messrs. Redhead, Laing and Marshall. 1792. *see* Redhead, William, *and others*. 1422
see Sinclair, sir John, 1st bart. Address to the Society for the improvement of British wool. 2nd ed. 1791. 1586
- Society instituted at Bath for the encouragement of agriculture, arts, manufactures and commerce [etc.].** *see* Bath and West of England Society. 123-5
- Society of Arts.** *see* Society for the Encouragement of Arts, Manufactures and Commerce
- Society of Farmers in Buchan**
 A true method of treating light hazely ground. [Ed. by J. Arbuthnot]. *see* Arbuthnot, James, *ed*. 62
- Society of Gentlemen**
 The complete farmer. By a Society of gentlemen, members of the Society for the encouragement of arts, [etc.]. 1766, *and* 2nd ed. 1769. *see* Complete farmer . . . 379-80
- Society of Gentlemen in Dublin,** *see* Dublin Society. 526-30
- Society of Husbandmen and Planters**
 The practical husbandman and planter. [1755]. *see* The Practical husbandman . . . 1375
- Society of Improvers in the Knowledge of Agriculture in Scotland.** *see* Society for Improving in the Knowledge of Agriculture
- Society of Practical Farmers**
 A letter to lord Somerville, late president of the Board of Agriculture. By a Society of practical farmers. 1800. *see* A Letter . . . 1009

Solly, Edward

- 1637 Rural chemistry: an elementary introduction to the study of the science in its relation to agriculture and the arts of life. 3rd ed., rev. and enlarged. *Gardeners' Chronicle*: London, 1850. pp. xxvii, 356, 8vo.

Some hints for the better improvement of husbandry. [By John Wynn Baker]. 1762. *see* Baker, John Wynn. 96

Some observations on the premiums given by the Dublin society, for sowing an acre of land with sixteen pounds of wheat. 1764. *see* Dublin Society. 530

Somerville, Alexander

- 1638 A letter to the farmers of England, on the relationship of manufactures and agriculture. By One who has whistled at the plough [i.e. Alexander Somerville]. J. Ridgway: London, 1843. pp. 16, 8vo.

- 1639 The whistler at the plough; containing travels, statistics, and descriptions of scenery & agricultural customs in most parts of England: with Letters from Ireland: also Free trade and the League; a biographic history. J. Ainsworth: Manchester; W. French: London, 1852. 3 vol., 8vo.

Vol. 1 only, pp. iv, 288. The text breaks off on p. 288 in the middle of a sentence. With additional engraved title-page.

Somerville, John Southey, 15th baron

- 1640 Facts and observations relative to sheep, wool, ploughs, and oxen . . . Together with some remarks on the advantages which have been derived to the author's flock, from the use of salt, &c. &c. 3rd ed., enlarged. J. Harding: London, 1809. pp. viii, 256, frontis., pls., 8vo.

A letter to lord Somerville, late president of the Board of agriculture. 1800. *see* A Letter . . . 1009

- 1641 The system followed during the two last years by the Board of agriculture further illustrated. With dissertations on the growth and produce of sheep and wool, as well Spanish as English. Also, observations upon, and a new plan for, the poor, and poor laws, [etc.]. W. Miller: London, 1800. pp. [iv], 187, pls., 4to.

see Bakewell, Robert, 1768–1843, *geologist*. Observations on the influence of soil and climate upon wool. With occasional notes and remarks by lord Somerville. 1808. 99

see Stone, Thomas. A review of the corrected agricultural survey of Lincolnshire, by Arthur Young, together with remarks on the recent publication of John lord Somerville. 1800. 1687–8

Somerville, Robert

- 1642 General view of the agriculture of East Lothian; drawn up for . . . the Board of agriculture . . . from the papers of the late Robert Somerville. G. & W. Nicol, [etc.]: London, [etc.], 1805. pp. [4], 326, [2], mp. frontis., illus., 8vo.
- 1643 ——. [Another issue]. Sherwood, Neely, & Jones: London, 1815.
- 1644 Outlines of the fifteenth chapter of the proposed general report from the Board of agriculture. On the subject of manures [with Addenda]. Drawn up for . . . the Board of agriculture [etc.]. W. Bulmer: London, 1795. pp. [2], vi, [7]–89, 56, illus., 8vo. (sm. 4to.)
For the *Additional appendix to the Outlines* [etc.] see FORDYCE, George, and others. 626.
see Hayes, Samuel. Essays in answer to all the queries on the culture of potatoes. With memoirs, and remarks, letters, &c. by James Anderson, by mr. Somerville, of Haddington, [and others]. 1797. 766

Somerville, sir William

- 1645 Agriculture. (*Home University Library*, 26). Williams & Norgate: London; H. Holt: New York, [1912]. pp. 256, 8vo.
With autograph inscription by the author.
- 1646 The bearings of education and science on practical agriculture. Being the inaugural lecture in the Department of agriculture, University of Cambridge, delivered November 24, 1899. University Press: Cambridge, 1900. pp. 29, illus., 8vo.
- 1647 Farm and garden insects. Macmillan: London [and] New York, 1897. pp. viii, 127, illus., sm. 8vo.
Reports on manorial trials, 1892–96, and on experiments with crops and stock, 1897–99. 1893–1900. in *Northumberland—County Council—Technical Education Sub-Committee*. Reports [on agricultural experiments during seasons 1892–1901]. 1893–1902. 1280

Sonnini de Manoncourt, Charles Nicolas Sigisbert

Treatise on the breeding, rearing, and fattening of poultry. [Chiefly translated from the French of C. N. S. Sonnini de Manoncourt.] 2nd ed. 1819. see *Treatise* . . . 1765

Souter, David

- 1648 General view of the agriculture of the county of Banff . . . Drawn up for . . . the Board of agriculture [etc.]. Mundell, Doig & Stevenson: Edinburgh; for G. & W. Nicol, [etc.]: London, [etc.], 1812. pp. xiv, 359, 85, mp. frontis., pls., 8vo.
Contains a reprint of James Arbuthnot's *True method of treating light hazely ground*, first published in 1735.

Southern Counties Association

Journal of the Bath and west and southern counties society. *see*
Bath and West of England Society. 125

Southey, Thomas

- 1649 The rise, progress and present state of colonial wools . . . with some account of the goat's wool of Angora and India; and bringing dates and statistics . . . up to the latest periods received. Smith, Elder, [etc.]: London, [etc.], 1848. pp. vii, 333, 8vo.
- 1650 The rise, progress and present state of colonial sheep & wools, continued from 1846 . . . with an account of our home production of wool and woollen manufactures . . . the use of alpaca, angora & cashmere goats' wool; together with statistical sketches [etc.]. E. Wilson, [etc.]: London, [etc.], 1851. pp. iv, 93, 8vo.
- 1651 A treatise on sheep, addressed to the flock-masters of Australia, Tasmania, and southern Africa, showing the means by which the wool of these colonies may be improved [etc.]. Smith & Elder, [etc.]: London, 1840. pp. xii, [13]-118, 8vo.
With autograph inscription by the author.

Southworth, Effie A., *jt. trsl.*

see Hackel, Eduard, The true grasses. Trans. by F. Lamson-Scribner and Effie A. Southworth. 1896. 734

Sowerby, John Edward, *illustrator*

see Johnson, Charles. The grasses of Great Britain; illustrated by J. E. Sowerby. [1857-61]. 871

Sowerby, William, *ed.*

- 1652 Thorough cultivation: a manual of deep land culture as described by Henry Stephens, sir Arthur Cotton, and others. S. Sonnenschein: London, 1895. pp. xii, 250, illus., 8vo.

Spade cultivation, tried for ten years on an estate in Wiltshire; in a letter to W. Sturges Bourne. By a magistrate for the counties of Hants. and Wilts. [i.e. R. Pollen]. 1830. *see* Pollen, Richard. 1360

Speechly, William

- 1653 Practical hints in domestic rural economy, relating particularly to the utility, formation, and management of fruit, kitchen, & cottage gardens, and orchards . . . with an appendix, containing several original agricultural essays. Longman: London, 1820. pp. xiii, [ii], 190, frontis., 8vo.

Speed, Adam. *see* Speed, Adolphus. 1654

- Speed, Adolphus**
- 1654 Adam out of Eden, or, An abstract of divers excellent experiments touching the advancement of husbandry, [etc.]. H. Brome: London, 1659.
pp. [viii], 163 [i.e. 179], [4], sm. 8vo. (8vo.)
Wing S 4877. p. 179 wrongly numbered 163. The verso of the last leaf has in large type running from the bottom to the top of the page: *Speeds Husbandry*.
The husbandman's instructor. By A.S., gent. [Sometimes attributed to Adolphus Speed. 1705]. *see* S., A. 1516
- Spence, Joseph, calling himself sir Harry Beaumont, trsl.**
see Attiret, Jean Denis. A particular account of the emperor of China's gardens near Pekin. Trsl. by sir Harry Beaumont [i.e. J. Spence]. 1752. 71
- Spencer, George John, 2nd earl**
see Blane, sir Gilbert, 1st bart. Inquiry into the causes and remedies of the scarcity and high price of provisions, in a letter to earl Spencer. 2nd ed. 1817. 181
- Spencer, John Charles, 3rd earl**
see Handley, Henry. A letter to earl Spencer (president of the Smithfield club) on the formation of a national agricultural institution. 1838. 746
- Spencer, Sanders**
- 1655 Pigs: breeds and management. With a chapter on diseases of the pig by J. Wortley Axe, and a chapter on bacon and ham curing by L.M. Douglas. (*Live Stock Handbooks*, 5: *gen. ed.* J. Sinclair). Vinton: London, 1897. pp. [iv], 180, plts., 8vo.
- Spooner, William Charles**
- 1656 The history, structure, economy, and diseases of the sheep. In three parts. 2nd ed. Simpkin, Marshall: London, 1844.
pp. xiii, 463, illus., 8vo.
With additional engraved title-page.
- 1657 On the most economical and profitable method of growing and consuming root crops. Prize essay. Longmans; J. Ridgway: London, 1854. pp. [ii], 36, 8vo.
From the *Journal of the Bath and west of England society*, vol. 2, 1854.
see Lock, Alfred George. The true art of manuring: a reply to mr. Spooner's lectures. 1868. 1030
see White, James. A compendium of cattle medicine. 6th ed., by W. C. Spooner. 1842. 1900

Spooner and Bailey, *agricultural chemists*

- 1658 [Begin:] Spooner and Bailey, agricultural chemists, bone crushers and guano merchants, manufacturers of superphosphate of lime and other chemical manures, Eling, near Southampton. [A catalogue]. W. Clowes: London, [1855?]. pp. 7, 8vo.

Sproule, John

- 1659 Elements of practical agriculture, comprehending the nature, properties, and improvement of soils; the structure, functions, and cultivation of plants; and the husbandry of the domestic animals of the farm. 3rd ed., with corrections and additions. G. Routledge, [etc.]: London, [etc.], 1844. pp. xvi, 710, illus., 8vo.

- 1660 Flax: its growth and management. An essay, which obtained the gold medal of the Royal Dublin society. J. McGlashan: Dublin; W. S. Orr: London, 1846. pp. [ii], 40, illus., 8vo.

Squarey, Charles

- 1661 A popular treatise on agricultural chemistry: intended for the use of the practical farmer. J. Ridgway: London, 1842. pp. iv, 156, 8vo.

Stables, Alfred

- 1662 The cultivation of land, by steam power: an essay, for which lord Wenlock's prize of £10 was awarded by the Wenlock farmer's club, May, 1870. E. Baines: Leeds, 1870. pp. 32, 8vo.

Stanhope, Philip Henry, 4th earl

- 1663 A letter to the owners and occupiers of sheep farms. J. Ridgway: London, 1828. pp. [ii], 35, 8vo.

see Bischoff, James. The wool question considered: being an examination of the report from the Select committee of the House of Lords, and an answer to earl Stanhope's Letter to the owners & occupiers of sheep farms. 1828. 163

Stebler, Friedrich Gottlieb and Schröter, Carl

- 1664 The best forage plants fully described and figured. With a complete account of their cultivation, economic value, impurities and adulterants, &c. Translated [from the German] by A. N. McAlpine. D. Nutt: London, 1889. pp. vi, 171, pls., illus., la. 4to.

Steele, Andrew

- 1665 The natural and agricultural history of peat-moss or turf-bog; to which are annexed . . . writings . . . on the qualities of peat or fen earth, as a soil and manure, and on the methods used in Scotland for converting moss soils into arable and pasture grounds, plantations of trees, &c. W. & D. Laing, [etc.]: Edinburgh, [etc.], 1826. pp. xv, 401, 8vo.

Stele, James

- 1666 An essay on manufacturing milk into butter and cheese; and on calf-feeding, &c. intended for the perusal and benefit of farmers. W. Miller: Glasgow; P. M'Arthur, Paisley, 1794. pp. xii, [15]–216, plt., 8vo.

Stephens, George

- 1667 The practical irrigator and drainer. [3rd ed.]. W. Blackwood: Edinburgh; T. Cadell: London, 1854. pp. vi, [ii], 195, plts., illus., 8vo.

Stephens, Henry

- 1668 The book of the farm, detailing the labours of the farmer, farm-steward, ploughman, shepherd, hedger, farm-labourer, field-worker, and cattle-man. 4th ed., rev., and in great part rewritten, by James Macdonald. W. Blackwood: Edinburgh & London, 1891. 3 vol. [in 6], la. 8vo.
- 1669 Catechism of practical agriculture. W. Blackwood: Edinburgh & London, 1873. pp. [iv], 64, illus., 8vo.
- 1670 A manual of practical draining. 3rd ed., corrected and improved. W. Blackwood: Edinburgh & London, 1848. pp. xiv, 162, illus., 8vo.
- 1671 The Yester deep land-culture, being a detailed account of the method of cultivation which has been successfully practised for several years by the marquess of Tweeddale at Yester. W. Blackwood: Edinburgh & London, 1855. pp. xii, 148, illus., sm. 8vo.
see Seller, William *and* Stephens, Henry. Physiology at the farm. 1867. 1542
see Slight, James *and* Burn, Robert Scott. The book of farm implements & machines. Ed. by H. Stephens. 1858. 1606

Steuart, *sir* Henry

Strictures on *sir* Henry Steuart's Planter's guide. By a planter of some experience. 1850. *see* Strictures . . . 1697

Stevens, Charles. *see* Estienne, Charles. 576

Stevenson, William

- 1672 General view of the agriculture of the county of Dorset . . . Drawn up for . . . the Board of agriculture [etc.]. G. and W. Nicol; Sherwood, Neely & Jones: London, 1812. pp. xi, 487, [8], mp. frontis., plt. (mp.), 8vo.
- 1673 ——. [Another issue]. Sherwood, Neely & Jones: London, 1815. pp. xi, 487 [8], mp. frontis., 8vo.

Stevenson, William

- 1674 General view of the agriculture of the county of Surrey. Drawn up for the Board of agriculture [etc.]. R. Phillips: London, 1809. pp. viii, 616, mp. frontis., 8vo.
- 1675 ——. [Another issue]. Sherwood, Neely & Jones: London, 1815. *see* Dickson, R. W. General view of the agriculture of Lancashire. Rev. and prepared for the press by W. Stevenson. 1815. 485

Stewart, John

- 1676 Advice to purchasers of horses; being a short and familiar treatise on the external conformation of the horse; the nature of soundness & unsoundness: and the laws relating to sale and warranty, [etc.]. 4th ed. W. R. M'Phun: Glasgow; N. H. Cotes: London, 1836. pp. xi, 167, plt., sm. 8vo.
- 1677 Stable economy: a treatise on the management of horses, in relation to stabling, grooming, feeding, watering, and working. W. Blackwood: Edinburgh; T. Cadell; London, 1838. pp. vii, 452, illus., 8vo.

Stillingfleet, Benjamin

- 1678 The calendar of flora, Swedish and English. Made in the year 1755. R. & J. Dodsley; S. Baker: London, 1761. pp. xxiii, 3-45, [6], 8vo.
- 1679 Literary life and select works of Benjamin Stillingfleet, several of which have never before been published. [Ed. by William Coxe]. Longman: London, 1811. 2 vol. [in 3], 8vo.
- 1680 ——. [Another copy]. 2 vol. [in 1].

Stoddart, George Henry

- 1681 The true cure for Ireland, the development of her industry: being a letter addressed to lord John Russell. With a notice of the Irish amelioration society, as organized upon the plan of Jasper W. Rogers. T. W. Saunders: London, 1847. pp. 23, 8vo.

Stokes, Whitley

- 1682 Observations on the population and resources of Ireland. J. Porter: Dublin, 1821. pp. [viii], 95, 8vo.

Stone, Thomas

- 1683 An essay on agriculture, with a view to inform gentlemen of landed property, whether their estates are managed to the greatest advantage. W. Whittingham: Lynn; J. Robson; R. Baldwin: London, 1785. pp. [ii], xviii, 261, 8vo.
- 1684 General view of the agriculture of the county of Bedford . . . Drawn up for . . . the Board of agriculture [etc.]. E. Hodson: London, 1794. pp. 70, illus., 8vo. (sm. 4to.)
Lacking first leaf (half-title?).

Stone, Thomas

- 1685 General view of the agriculture of the county of Huntingdon . . . Drawn up for . . . the Board of agriculture [etc.]. J. Nichols: London, 1795. pp. 55, 8vo. (sm. 4to.)
- 1686 General view of the agriculture of the county of Lincoln . . . Drawn up for . . . the Board of agriculture [etc.]. J. Nichols: London, 1794. pp. 108, pls., 8vo. (sm. 4to.)
- 1687 A review of the corrected agricultural survey of Lincolnshire, by Arthur Young, published, in 1799, by authority of the Board of agriculture; together with an address to the Board, a letter to its secretary, and remarks on the recent publication of John lord Somerville, and on the subject of inclosures. G. Cawthorn [etc.]: London; P. Hill: Edinburgh, 1800. pp. xv, iii, 360, 361*-450*, 361-380, 377*-380*, 381-421, 8vo.
- 1688 ——. 2nd ed. G. Cawthorn: London, 1800.
pagination as in previous ed., 8vo.

Stonehenge, *pseud. i.e.* J. H. Walsh. *see* Walsh, John Henry. 1855-6

Stonycleft, R., *supposed author*

Proposals and inducements for a considerable number of people, to joyn in the purchas of several thousand acres, in several counties of England. [Signed R.S.: possibly by R. Stonycleft]. 1726. *see* S., R. 1518

Storer, Francis Humphreys

- 1689 Agriculture in some of its relations with chemistry. S. Low: London, 1887. 2 vol., 8vo.

Storer, John

- 1690 The wild white cattle of Great Britain. An account of their origin, history, and present state. By the late rev. John Storer. Edited by his son, John Storer. Cassell: London, [etc.], [1879]. pp. xx, 384, illus., 8vo.

Stourton, William, 17th baron

- 1691 Two letters to the earl of Liverpool on the distresses of agriculture, and their influence on the manufactures, trade, and commerce, of the United Kingdom: with observations on cash payments and a free trade. 2nd ed., with additions. J. Mawman: London, 1821. pp. 188, 8vo.
- 1692 Three letters to . . . the earl of Liverpool on the distresses of agriculture in the United Kingdom [etc.]. A new ed., with additions. J. Mawman: London, 1822. pp. 299, 8vo.

Stracey, sir Edward

- 1693 On the rackheath sub-turf plough. [n.p.], London, 1841. pp. 5, [2], illus., 8vo.
From the *Journal of the Royal agricultural society of England*, vol. 2, 1841.

Strachan, James

- 1694 A new set of tables, for computing the weight of cattle . . . the quantity of hay . . . the value of land, &c., . . . To which is now added, a concise system of farm book-keeping. 7th ed. Oliver & Boyd: Edinburgh; Simpkin, Marshall: London, 1849. pp. 116, 8vo.

Stratton, John Young

- 1695 Hops and hop-pickers. (*The People's Library*). Society for Promoting Christian Knowledge: London, [etc.], [1883]. pp. 191, frontis., illus., 8vo.

Strickland, Henry Eustasius

- 1696 A general view of the agriculture of the East-riding of Yorkshire; published by order of the Board of agriculture. T. Wilson: York, 1812. pp. viii, 252, [2], mp. frontis., plts., illus., 8vo.

- 1697 *Strictures on sir Henry Steuart's Planter's guide*. By a planter of some experience. J. Anderson: Edinburgh; Simpkin & Marshall: London, 1830. pp. 40, 8vo.

Stuart, Harry

- 1698 Agricultural labourers, as they were, are, and should be, in their social condition. Being an address, delivered to . . . the Forfarshire agricultural association [etc.]. W. Blackwood: Edinburgh & London, 1853. pp. 90, plt., 8vo.
With autograph inscription by the author.

Stubbs, Charles William, bp.

- 1699 The land and the labourers. A record of facts and experiments in cottage farming and co-operative agriculture. W. Sonnenschein: London, 1844. pp. vii, [ii], [11]-186, 8vo.

The *Stud farm*, or, Hints on breeding for the turf, the chase, and the road. By Cecil [i.e. C. Tongue]. 1851. *see Tongue*, Cornelius. 1752

- 1700 *Success with sheep: management of sheep, ram breeding, the shepherd's year, practical experience, dentition, common diseases*. Farm, Field & Fireside Office: London, [1910]. pp. 144, illus., 8vo.

- 1701 *Summary of the observations made by gentlemen, farmers and others on mr. Pearce's Survey of the state of agriculture in Berks*. Smart & Cowslade: Reading, [c. 1795]. pp. 32, 8vo.
Pearce's *Survey* (1317) was published in 1794. The paper of this *Summary* is watermarked 1794.

Surflet, Richard, trsl.

see Estienne, Charles. *Maison rustique*, or *The countrie ferme*. Translated into English by R. Surflet. 1600. 576

Surtees Society. Publications

53. Rural economy in Yorkshire in 1641, being the farming and account books of Henry Best. 1857. 153

Sussex, F. S. M. de

- 1702 Invention of certain improvements in the manufacture of chlorine, hydrochloric acid, and nitric acid, and obtaining several products therefrom. Ede: Dorking, 1848. pp. 25, 8vo.

- 1703 Manures considered in their relation to the crop, the soil, and the atmosphere. Ede: Dorking; J. Ridgway: London, 1848. pp. 60, 8vo.

The above two works are bound, as issued, with WHITLEY, N. *The application of geology to agriculture*. 1843. (no. 1905.)

Sutherland, C. L., jt. author

see Tegetmeier, William Bernhard and Sutherland, C. L. Horses, asses, zebras, mules, and mule breeding. 1895. 1731

Sutherland, W.

- 1704 Sheep farming. A treatise on sheep, their management and diseases. W. Cooper: Berkhamsted, 1892. pp. vii, 163, pls., 8vo.

Sutton, John

- 1705 An important discovery for the destruction of the turnip fly, or *Chrysomela nemorum* of Linnaeus, [etc.]. Brodie & Dowding: Salisbury; Baldwin, Cradock & Joy: London, 1824. pp. 24, 8vo.

Sutton, Martin John

- 1706 Botanical descriptions, analyses and illustrations of the principal grasses and clovers used in permanent pastures and in alternate husbandry. Reprinted from the popular edition of 'Permanent and temporary pastures'. [Hamilton, Adams: London, 1888]. pp. [iv, 129-175], illus., la. 8vo.

- 1707 Permanent and temporary pastures. With descriptions and coloured illustrations of leading natural grasses and clovers. Based on an essay published in the Journal of the Royal agricultural society, vol. 22, part 2, by Martin Hope Sutton. Hamilton, Adams: London, 1886. pp. viii, [iv], 158, [2], pls., la. 8vo.

- 1708 ——. Popular ed. Simpkin, Marshall: London, 1911. pp. viii, 144, la. 8vo.

Swayne, George

- 1709 Gramina pascua: or, A collection of specimens of the common pasture grasses, arranged in the order of their flowering, and accompanied with their Linnaean and English names, [etc.]. S. Bonner: Bristol; W. Richardson: London, 1790. pp. [vii], 6 pls. of mounted specimens, each accompanied by a leaf of text, fol.

There are 19 numbered specimens.

Switzer, Stephen

- 1710 [A compendious method for the raising of the Italian brocoli, [etc.]. 5th ed. T. Astley: London, 1731]. pp. 78, plt., 8vo.

A fragment, consisting of pp. 57-78 only. Preceding it, and bound as if it were a title-page to it, is a handbill, advertising the publication of Switzer's *Dissertation on the true cythisus of the ancients*, 1731.

- 1711 A compendious method for the raising of the Italian brocoli . . . and other foreign kitchen-vegetables. As also an account of the lucerne, St. Foyne, clover, and other grass-seeds. With the method of burning of clay, for the improvement of land. 6th ed., to which is added, A dissertation on the cythisus of the ancients, [etc.]. T. Astley: London, 1735.
pp. viii, 62, plt., illus., 8vo.

The *Dissertation on the cythisus* is wanting.

The practical husbandman and planter. By a Society of husbandmen and planters. [Ed. and in large part written by S. Switzer. 1733]. see **The Practical husbandman . . . 1375**

Sylvan, Agricola, *pseud.*

The farmer's magazine, and useful family companion. 5 vol. 1776-80. see **The Farmer's magazine . . . 599**

Sylvester, C. E. F.

- 1712 On the improvement of fine wools in Scotland, by the introduction of Silesian flocks. J. Clarke: Edinburgh, 1828.
pp. 15, 8vo.

Pages 1-2 (half-title?) wanting.

System

A new system of agriculture. By a country gentleman. 2nd ed. 1755. see **A New system of agriculture . . . 1269**

T., I.

The horse-hoing husbandry: or, An essay on the principles of tillage and vegetation. By I.T. [i.e. J. Tull]. 1733. see **Tull, Jethro. 1782**

Tallerman, D.

- 1713 Farm produce realization. 2nd ed. Simpkin, Marshall: London, 1892. pp. [iv], xv, 592, [563]-571, plts. (incl. mp.), 8vo.

First published under the title *Agricultural distress and trade depression*. With autograph inscription by the author.

- 1714 Markets and marketing: a sequel to Farm produce realization. Simpkin, Marshall: London, 1899.
pp. viii, [9]-108, frontis., 8vo.

With autograph inscription by the author.

Talpa: or, The chronicles of a clay farm. By C.W.H. [i.e. C. W. Hoskyns]. 2nd ed. 1853. see **Hoskyns, Chandos Wren. 833**

Tanner, Henry

- 1715 The Abbots farm, or, Practice with science. Macmillan: London, 1880. pp. [iii]–xi, 232, sm. 8vo.
- 1716 [Elementary lessons in the science of agricultural practice. (*Macmillan's School Class Books*). Macmillan: London, 1881]. pp. [vi], 310, sm. 8vo.
Title-page and half-title wanting. Title supplied from B.M.
- 1717 Elementary school readings on the principles of agriculture for the third stage. Macmillan: London [and] New York, 1899. pp. [iii]–viii, 67, sm. 8vo.
- 1718 First principles of agriculture. 4th ed. Macmillan: London, 1881. pp. [3]–95, sm. 8vo.
- 1719 ——. [6th ed.]. Macmillan: London and New York, 1893. pp. [3]–95, sm. 8vo.
- 1720 Further steps in the principles of agriculture for the second stage. Macmillan: London [and] New York, 1899. pp. [3]–92, sm. 8vo.
- 1721 Holt castle, or, The three-fold interest in the land. Chapman & Hall: London, 1882. pp. xii, 237, 8vo.
- 1722 Jack's education, or, how he learnt farming. 2nd ed. Chapman & Hall: London, 1882. pp. viii, 181, 8vo.

Taplin, William

- 1723 The gentleman's stable directory; or, Modern system of farriery [etc.]. 13th ed. G. G. & J. Robinson; G. Kearsley: London, 1796. pp. xvi, 504, [8], frontis., 8vo.

Tatham, William

- 1724 National irrigation, or, The various methods of watering meadows; affording means to increase the population, wealth, and revenue of the kingdom, by an agricultural, commercial, and general economy in the use of water. J. & T. Carpenter: London, 1801. pp. [iii]–xix, 427, plts., 8vo.

Taylor, Alexander

- 1725 The farmer's guide, and agriculturist's companion; being a new . . . system of farm book-keeping; with forms of a lease, submission, decreet-arbitral, &c. To which is added, . . . observations, selected from the works of the most celebrated agriculturists, on the management of soils, crops, and live-stock; with a summary of the duties of a land-steward. Oliver & Boyd, [etc.]: Edinburgh, [etc.], 1827. pp. viii, 192, 8vo.

Taylor, Edward

- 1726 The use and value of the ammoniacal liquor and refuse lime of gas works for agricultural purposes. Dedicated to farmers and gardeners. Whittaker: London; E. T. Jones: Rochdale, 1848. pp. 22, [ii], 8vo.

Taylor, Jefferys

- 1727 The farm; a new account of rural toils and produce. 2nd ed. J. Harris: London, 1834.
pp. viii, 176, frontis., pls., illus., sm. 8vo.

Taylor, John Ellor

- 1728 How plants grow. With preface by Augustus Voelcker. E. Packard: Ipswich, 1883. pp. iv, [5]–29, illus., 8vo.
1729 How to profitably improve our soils. E. Packard: Ipswich, [1882]. pp. 16, 8vo.

Taylor, William Charles

- 1730 An agricultural note-book to assist candidates in preparing for the Science and art and other examinations in agriculture. Longmans: London, 1885. pp. [viii], 106, 8vo.

Tegetmeier, William Bernhard and Sutherland, C. L.

- 1731 Horses, asses, zebras, mules, and mule breeding. H. Cox: London, 1895. pp. viii, 166, frontis., pls., 8vo.

Tellor, Lloyd V.

- 1732 The diseases of live stock and their most efficient remedies; including horses, cattle, sheep and swine [etc]. D. G. Brinton: Philadelphia; Baillière, Tindall & Cox: London, 1882.
pp. 469, illus., la. 8vo.

The Baillière imprint is added to the title-page by stamping in.

Templeman, Peter

- 1733 Practical observations on the culture of lucerne, turnips, burnet, timothy grass, and fowl meadow grass, communicated by letters to dr. Templeman, secretary of the Society for the encouragement of arts, manufactures, and commerce. To which is added, an appendix, containing comparative estimates of the expence and profit in drill and broadcast husbandry, in different parts of England, and in Ireland, [etc.]. F. Newbery: London, 1766. pp. iii, 5–66, 8vo.

Tenant Farmers' Delegates

Reports of tenant farmers' delegates on the Dominion of Canada as a field for settlement. 1880. *see* Canada—Department of Agriculture. 311

Theobald, Frederick Vincent

- 1734 A text-book of agricultural zoology. W. Blackwood: Edinburgh & London, 1899. pp. xvii, 511, illus., 8vo.

Theophrastus

The calendar of flora (extracted by B. Stillingfleet from the History of plants) *in* Stillingfleet, Benjamin. The calendar of flora. 1761. 1678

- Thomas, John Jacob**
- 1735 Farm implements, and the principles of their construction and use; an elementary and familiar treatise on mechanics, and on natural philosophy generally, as applied to the ordinary practices of agriculture. S. Low: London; Harper: New York, [1855]. pp. [iii]–xii, [13]–267, illus., 8vo.
- Thompson, Benjamin**
- 1736 A letter to the marquis of Titchfield, president of the Newark agricultural society, on the practicability and importance of introducing the merino breed of sheep, extensively, upon the forest farms of Nottinghamshire. Read at a meeting of the . . . society [etc.]. E. B. Robinson, [etc.]: Newark, [etc., 1808]. pp. 28, 8vo.
- Thompson, H. S.**
- 1737 On the management of grass land, with especial reference to the production of meat. W. Clowes: London, 1872. pp. 29, [2], 8vo.
From the *Journal of the Royal agricultural society of England*, 2nd ser. vol. 8, 1872.
- Thompson, Robert**
- 1738 Statistical survey of the county of Meath . . . drawn up for . . . the Dublin society. Graisberry & Campbell: Dublin, 1802. pp. xxxv, 425, 49, frontis., pls. (incl. mp.), 8vo.
- Thomson, George**
- A true method of treating light hazely ground. [Sometimes attributed to G. Thomson]. 1811. *see* Arbuthnot, James, *ed.* 62
- Thomson, John, accountant, of Edinburgh**
- 1739 Tables, shewing, both in Scots and sterling money, the price of any quantity of grain, &c. from one lippy . . . to a thousand bolls, [etc.]. new ed., much enlarged. J. Bell, [etc.]: Edinburgh, 1777. pp. viii, 356, 8vo.
- Thomson, John, D.D., minister of Markinch**
- 1740 General view of the agriculture of the county of Fife . . . drawn up for . . . the Board of agriculture [etc.]. J. Moir for W. Creech, [etc.]: Edinburgh; G. Nicol: London, 1800. pp. viii, [9]–413, mp. frontis., pls., 8vo.
- Thomson, Robert Dundas**
- 1741 Experimental researches on the food of animals, and the fattening of cattle. With remarks on the food of man. Longmans: London, 1846. pp. xii, 195, frontis., illus., 8vo.
- Thornton, William Thomas**
- 1742 A plea for peasant proprietors; with the outlines of a plan for their establishment in Ireland. J. Murray: London, 1848. pp. xii, 256, 8vo.

Thorough cultivation. [By sir A. T. Cotton. c. 1888]. *see* Cotton, sir Arthur Thomas. 402

- 1743 **Thoughts** on various subjects. Representation and taxation, large and small farms, etc. 2nd ed. P. Roe: Dublin, 1876. pp. 47, 8vo.

Tibbs, Thomas

- 1744 The experimental farmer: being strictures on various branches of husbandry and agriculture . . . containing observations on planting and preserving young trees . . . Likewise, plans for laying-out land, on a five and four field system, [etc.]. Sherwood, Neely & Jones: London, [1806]. pp. xiv, [15]–153, [10], 8vo.

Tiffen, H. S., *ed.*

see Jarvis, Thomas. The farmer's harvest companion. 10th ed., corrected and enlarged by H. S. Tiffen. 1841. 870

Tighe, William

- 1745 Statistical observations relative to the county of Kilkenny, made in the years 1800 & 1801. Graisberry & Campbell, for J. Archer: Dublin, 1802. pp. xvi, 644, 119, pls. (incl. mps.), illus., 8vo.

Tindall, John

- 1746 Observations on the breeding and management of neat cattle; together with a description of the diseases to which they are liable, and the most approved methods of treatment [etc.]. E. Baines: Leeds, 1811. pp. [ii], xi, 226, pls., illus., 8vo.

Tipper, C. J. R.

- 1747 The Rothamsted experiments and their practical lessons for farmers. Part I. Stock. Part II. Crops. C. Lockwood: London, 1897. pp. vi, [ii], 148, 8vo.

- 1748 **To** artisans and labourers. Agricultural Protection Society: [London, c. 1844]. pp. 4, 8vo.

No title-page: drop-title on p. [1]. *In* AGRICULTURAL PROTECTION SOCIETY. Tracts issued up to 1844. 20.

Toms, Frederick Woodland, *comp.*

- 1749 Short notes on silo experiments and practice. Extracted from Silos for preserving British fodder crops. [By F. W. Toms]. H. Cox, Field Office: London, 1884, pp. 40, 8vo.

- 1750 Silos for preserving British fodder crops stored in a green state. Notes on the ensilage of grasses, clovers, vetches, etc. Compiled from various sources by the sub-editor of 'The Field' [i.e. F. W. Toms]. H. Cox (Field Office): London, 1885. pp. vii, 219, illus., 8vo.

- Tongue, Cornelius, 'Cecil', *pseud.***
- 1751 Hints on agriculture, relative to profitable draining and manuring; also the comparative merits of the pure breeds of cattle and sheep. T. C. Newby: London, 1858.
pp. iv, 180, sm. 8vo.
- 1752 The stud farm; or, Hints on breeding for the turf, the chase, and the road. Addressed to breeders . . . to landed proprietors, and especially to tenant-farmers. Longmans: London, 1851.
pp. xiii, [ii], 202, frontis., 8vo.
- Toogood, William G.**
- 1753 Pastures and pasture plants. 4th ed. Toogood: Southampton, 1925. pp. xi, 89, illus., 8vo.
- Topham, Thomas**
- 1754 A new compendious system on several diseases incident to cattle; wherein the diseases are orderly described, . . . with a complete number of medicines . . . There is also annexed, an essay on the diseases incident to calves, [etc.]. 2nd ed. R. Parker: Blackburn; Crosby: London, 1808.
pp. xviii, 401, 8vo.
- Torrington, George Byng, 7th viscount. *see* Byng. 290**
- Tovey, Thomas**
- 1755 Things, as they were, as they are, and as they ought to be. A poem. With an earnest address to the landowners of the United Kingdoms. G. F. Harris: Gloucester; for Stewart, [etc.]: London, [etc.], 1805. pp. [ii], 66, 74, frontis., plt., 8vo.
- Town Mouse, *pseud.***
- 1756 Among the clods, or, Phases of farm life. As seen by a Town mouse. Tinsley: London, 1884. pp. viii, 328, 8vo.
- Towne, Leonard**
- 1757 The farmer and grazier's guide; containing a collection of valuable recipes, for the most common and fatal disorders to which horses, horned cattle, and sheep, are subject. 2nd ed., improved and enlarged. M. Hage: Newark; Longman: London, 1821. pp. [viii], 104, [8], 8vo.
- 1758 The farmer's directory; comprehending a system of agricultural economy, agreeably to the practice of the most eminent and experienced agriculturists. The complete farrier . . . with true and approved remedies . . . Also, The domestic instructor, [etc.]. Caxton Press, H. Fisher: London, [1822]. pp. 720, frontis., plts., 4to.

Townsend, George

- 1759 The substance of two speeches delivered at Durham, Feb. 20, 1844, by the rev. Geo. Townsend and the rev. J. Tyson. Reprinted for the Agricultural Protection Society: [London, 1844]. pp. 16, 8vo.

No title-page: drop-title on p. 1. *In* AGRICULTURAL PROTECTION SOCIETY. Tracts issued up to 1844. 20.

Townsend, Horatio

- 1760 Statistical survey of the county of Cork . . . drawn up for . . . the Dublin society. Graisberry & Campbell: Dublin, 1810. pp. xx, [2], 749, 104, plt. (mp.), 8vo.

Townsend, William R.

- 1761 On the proper management of a farm of five or of forty acres: with directions for a farmer's kitchen garden. Also an appendix . . . To which is added, Little things. Irish Farmers' Gazette Office: Dublin, 1865. pp. [ii], iv, 50, 8vo.

Tracts

Certain ancient tracts concerning the management of landed property reprinted. [Ed. by R. Vansittart]. 1767. *see* Vansittart, Robert, *ed.* 1811

Tracts on Irish agricultural interests. No. 2, in continuation from 1872. [By W. Hanley]. 1875. *see* Hanley, William. 748

Tracts on practical agriculture and gardening. By R. Weston. 2nd ed. 1775. *see* Weston, Richard, 1753–1806. 1893

Trafford, Sigismund, *born* Boehm

- 1762 An essay on draining: more particularly with regard to the north division of the great level of the fenns, call'd Bedford level. [Attributed to S. Trafford.] J. Roberts: London, 1729. pp. 23, mp. frontis., 8vo.

Transactions of the Highland and agricultural society of Scotland. *see* Highland and Agricultural Society of Scotland. 797

Treatise

A new treatise on tillage land. 1796. *see* New treatise . . . 1270

A practical treatise on the culture of potatoes. 1821. *see* Practical treatise . . . 1377

A Treatise concerning the manner of fallowing of ground, raising of grass-seeds, and training of lint and hemp, for the increase and improvement of the linnen-manufactories in Scotland. [By R. Maxwell]. 1724. *see* Maxwell, Robert. 1174

A Treatise of agriculture. [By A. Dickson]. 1762. *see* Dickson, Adam. 481

- 1763 A **Treatise on practical husbandry**, collected from the most approved writers on that subject, and digested into a regular system, . . . with directions for the management of stock, &c. &c. By an experienced farmer. J. Moore: Dublin, 1792. pp. [ii], 167, 8vo.
- 1764 A **Treatise on soils and manures**, as founded on actual experience, and . . . the leading principles of agriculture: in which the theory and doctrines of sir Humphry Davy, and other agricultural chemists, are rendered familiar to the experienced farmer. By a practical agriculturist. T. Cadell & W. Davies, [etc.]: London, [etc.], 1818. pp. [iv], iv, [iv], 176, 8vo.
- 1765 A **Treatise on the breeding, rearing, and fattening of poultry**. [Chiefly trsl. from the French of C. N. S. Sonnini de Manoncourt]. 2nd ed. J. Ridgway; London, 1819. pp. [vi], 196, 8vo.
On the title-page to the 1st ed. of 1810 this work was described as 'chiefly translated from the new French dictionary on natural history'. The French original is the article *Poule et coq* in the *Nouveau dictionnaire d'histoire naturelle, appliquée aux arts, etc.* The article is signed (S.) which, from the list of authors' names facing the title-page, must stand for Sonnini. (R. C. Punnett, *Notes on old poultry books*, pp. 55-6).
- Treatise on the choice, buying, and general management of live stock**. By the author of *The complete grazier* [i.e. T. H. Horne]. 2nd ed. 1810. *see* Horne, Thomas Hartwell. 826
- A **Treatise on the culture of wheat**. By a practical farmer [i.e. J. C. Loudon]. 1812. *see* London, John Claudius. 1055
- A **Treatise upon breeding, rearing and feeding Cheviot and black-faced sheep**. By a Lammermuir farmer [i.e. J. Fairbairn]. 1823. *see* Fairbairn, John. 584
- 1766 A **Treatise upon lime** considered as a cement and also as a manure. A. Jardine: Edinburgh, 1799. pp. iv, 27, 8vo.
- Treffry, Roger
- 1767 A dissertation on smut-balls amongst wheat and other grain. Haydon, Clarence Press: Plymouth, 1793. pp. 30, 8vo.
- Trench, William Le Poer
- 1768 What are we to do with our manure? A few hints, culled from various sources, and addressed to the small farmers on the estates of the earl of Clancarty, [etc.]. 3rd ed. J. McGlashan: Dublin; W. S. Orr: London, 1847. pp. 21, 8vo.
- Trimmer, Joshua
- 1769 **Practical chemistry for farmers and landowners**. J. W. Parker: London, [1842?]. pp. xii, 216, illus., 8vo.
Date obliterated from title-page.

Trimmer, Joshua Kirby

- 1770 Practical observations on the improvement of British fine wool, and the national advantages of the arable system of sheep husbandry. J. Ridgway: London, 1828.
pp. vi, [ii], 80, 8vo.

Trotter, James

- 1771 General view of the agriculture of the county of West Lothian . . . Drawn up for . . . the Board of agriculture [etc.]. A. Neill: Edinburgh, 1794. pp. 38, 8vo. (sm. 4to.)
- 1772 ——. [Another ed.]. A. Smellie: Edinburgh; for R. Phillips: London, 1811. pp. iv, 340, mp. frontis., pls., 8vo.

Trowell, Samuel

- 1773 The farmer's instructor; or, The husbandman and gardener's useful and necessary companion, [etc.]. First begun by Samuel Trowell, and now compleated with a supplement to every chapter on husbandry; by William Ellis, farmer. 2nd ed., with additions. J. Hodges: London, 1750.
pp. [xvi], 254, frontis., plt., 8vo.
- 1774 A new treatise of husbandry, gardening, and other curious matters relating to country affairs . . . To which are added, several letters to mr. Thomas Liveings, concerning his compound manure for land, [etc.]. J. Hodges: London, 1739.
pp. vii, 164, 8vo.

A True method of treating light hazely ground. By a Society of farmers in Buchan. [Ed. by J. Arbuthnot]. 1811. *see* Arbuthnot, James, *ed.* 62

Trusler, John

- 1775 Practical husbandry; or, The art of farming, with a certainty of gain: as practised by judicious farmers in this country [etc.]. R. Baldwin: London, 1780. pp. [xii], 164, 8vo.
- 1776 ——. 2nd ed. R. Baldwin: London, 1785. pp. [xii], 164, 8vo.
- 1777 The way to be rich and respectable, addressed to men of small fortune, [etc. By John Trusler]. R. Baldwin: London, [c. 1775]. pp. [iv], 46, 8vo.
- 1778 ——. 4th ed. R. Baldwin: London, [c. 1776]. pp. 46, 8vo.

Tucker, Josiah, *dean of Gloucester*

see An Enquiry into the nature and qualities of English wools: with some short remarks on the dean of Gloucester's pamphlet on coarse wools [i.e. his Reflections on the present low price of coarse wools]. 1782. 569

Tuke, John

- 1779 An essay on the best means of converting grass lands into tillage without exhausting the soil, and of returning the same to grass, in an improved state. T. Wilson & R. Spence: York, 1805. pp. 20, 8vo.
- 1780 General view of the agriculture of the North riding of Yorkshire . . . Drawn up for . . . the Board of agriculture [etc.]. W. Bulmer: London, 1794.
pp. 123, plts. (incl. mp.), illus., 8vo. (sm. 4to.)
- 1781 ——. [Another ed.]. G. Nicol, [etc.]: London, [etc.], 1800.
pp. xv, 355, mp. frontis., plts., illus., 8vo.

Tull, Jethro

- 1782 The horse-hoing husbandry: or, An essay on the principles of tillage and vegetation. Wherein is shown a method of introducing a sort of vineyard-culture into the corn-fields, in order to increase their product, and diminish the common expence; by the use of instruments described in cuts. By I.T. [i.e. J. Tull]. G. Strahan, [etc.]: London, 1755.
pp. [iv], x, 200, [2], plts., fol.
Pages ix-x (D1) are misbound between the four un-numbered pp. and p. [i] of the preliminaries.
followed by
- 1783 A supplement to the essay on Horse-hoing husbandry [etc.]. 2nd ed. The author, [etc.]: London, 1740.
pp. [203]-274, [4], plt., fol.
- 1784 The horse-hoeing husbandry. [etc. Another ed.] R. Gunne, [etc.]: Dublin, 1755. pp. xvii, 417, [4], plts., 8vo.
- 1785 ——. 4th ed., very carefully corrected. To which is prefixed a new preface by the editors, [etc.]. A. Millar: London, 1762.
pp. xvi, 452, plts., 8vo.
- 1786 ——. [Another ed.]. To which is prefixed, An introduction, explanatory of . . . the history and division of the work; and containing an account of certain experiments of recent date, by William Cobbett. W. Cobbett: London, 1829.
pp. xxiv, 466, illus., 8vo.
see Burnett, Alexander. Tillage a substitute for manure, illustrated by the precepts and practice of Jethro Tull. 1859. 281

Tupper, James Perchard

- 1787 An essay on the probability of sensation in vegetables: with additional observations on instinct, sensation, irritability, &c. 2nd ed. Longman: London, 1817. pp. viii, [vii]-ix, 142, 8vo.

Turbilly, Louis François Henri de Menon, *marquis de. see* Menon. 1187

Turner, David, *properly* Turnor, *jt. author*

see Lloyd, Thomas and Turnor, David. General view of the agriculture of the county of Cardigan. 1794. 1027

Turner, George

- 1788 General view of the agriculture of the county of Gloucester . . . Drawn up for . . . the Board of agriculture [etc.]. J. Smeeton: London, 1794. pp. 57, 8vo. (sm. 4to.)

Turner, Nicholas

- 1789 An essay on draining and improving peat bogs; in which their nature and properties are fully considered. D. Jaques: Chichester; Baldwin & Bew: London, 1784. pp. x, 86, 8vo.

Turnor, David, *jt. author*

see Lloyd, Thomas and Turnor, David. General view of the agriculture of the county of Cardigan. 1794. 1027

Tusser, Thomas

- 1790 Five hundred points of good husbandry. As well for the champion or open countrey, as also for the woodland or several, mixed in every moneth, with houswifery, over and besides the Book of houswifery. Corrected, better ordered, and newly augmented to a fourth part more, [etc.]. Newly set forth by Thomas Tusser, gent. T.R. & M.D., for the Company of Stationers: London, 1672. pp. 146 [i.e. 148], [4], 8vo. (sm. 4to). Wing T 3569. Black letter.

- 1791 ——. New ed., with notes, georgical, illustrative, and explanatory, a glossary, and other improvements. By William Mavor. Lackington, Allen: London, 1812. pp. 36, xl, 338, 8vo.

- 1792 Some of the five hundred points of good husbandry . . . over and besides the Book of huswifery . . . Once set forth by Thomas Tusser, gentleman. Now newly corrected and edited . . . by H.M.W. [i.e. H. Master White]. J. H. Parker: Oxford & London, 1848. pp. [xxiv], 116, 45, [2], sm. 8vo.

Portion of autograph letter signed H. Master White inserted.

- 1793 Tusser's Hundreth good poyntes of husbandrie; reprinted verbatim . . . from the original edition of 1557 . . . To which is added, The life of Thomas Tusser, written by himself, in verse; and a glossary. Longman: London; P. H. Youngman: Maldon, Essex, 1854. pp. [ii], 31, [2], 4to.

Only 100 copies printed by Charles Clark at his private press, Great Totham, Essex.

- 1794 Thomas Tusser, 1557 floruit, his good points of husbandry. Collated and edited by Dorothy Hartley. Country Life: London, 1951. pp. 194, [2], frontis., illus., 4to.

Contains the *Life of Tusser*, reprinted from the 1575 ed., *A hundreth good pointes* in facsimile from the 1571 edition, and *Five hundred good points*.

Twamley, Josiah

- 1795 Dairying exemplified, or, The business of cheese-making [etc.]. 2nd ed., corrected & improved. J. Sharp: Warwick; Rivingtons; J. Taylor: London, 1787. pp. vi, [7]-144, 8vo.
- 1796 Essays on the management of the dairy; including the modern practice . . . in the manufacture of cheese and butter . . . By J. Twamley, and others. A new ed., corrected and enlarged. J. Harding: London, 1816. pp. xi, 178, 8vo.

Mainly the work of Twamley and of J. Anderson.

Tweedie, mrs. Ethel Brilliana, *born* Harley

- 1797 Danish versus English butter making. H. Cox: London, 1895. pp. [iv], 78, 8vo.

Tyson, J.

The substance of two speeches delivered at Durham, Feb. 20, 1844, by the rev. Geo. Townsend and the rev. J. Tyson. [1844]. *In Agricultural Protection Society*. Tracts issued up to 1844. 20

Ure, Andrew

- 1798 Results of authentic experiments made with the guano manure in Great Britain and France; with instructions for using it; and a chemical analysis of guano. J. F. Cannell: Liverpool, 1845. pp. 23, 8vo.

Ure, David

- 1799 General view of the agriculture in the county of Dumbarton . . . Drawn up for . . . the Board of agriculture [etc.]. W. Smith: London, 1794. pp. 106, illus., 8vo. (sm. 4to.)
- 1800 General view of the agriculture of the county of Kinross. Drawn up for . . . the Board of agriculture [etc.]. Mundell: Edinburgh, 1797. pp. 58, 9, illus., 8vo. (sm. 4to.)
- 1801 General view of the agriculture of the county of Roxburgh . . . Drawn up for . . . the Board of agriculture [etc.]. B. Millan: London, 1794. pp. 95, illus., 8vo. (sm. 4to.)

Useful and ornamental planting. [Ed. by G. Sinclair]. 1852. *see* Sinclair, George, *ed.* 1580

- 1802 Useful and practical observations on agriculture. With some essays annexed, on inclosures, the improvement of the country, and the poor. By a clergyman. [Sometimes attributed to Thomas Haweis]. T. Lowndes: London, 1783. pp. iv, 232, sm. 8vo.

The writer refers to Cornwall and Northamptonshire in the text: this seems to support the attribution to Haweis, who was a clergyman and was connected with both counties. The binding is roughly contemporary with the book, and has the binder's title: Haweis on agriculture.

Usher, John

- 1803 Border breeds of sheep. With an appendix. J. & J. H. Rutherford: Kelso, 1875. pp. vi, [ii], 76, sm. 8vo.

The Utility of agricultural knowledge . . . with an account of an institution formed for agricultural pupils in Oxfordshire. By a Scotch farmer and land-agent [i.e. J. C. Loudon]. 1809. *see* Loudon, John Claudius. 1056

Valentine, Charles R.

- 1804 Butter-making. Vinton: London, [1889]. pp. 76, illus., 8vo.

Vallemont, Pierre Le Lorrain de. *see* Le Lorrain de Vallemont, Pierre. 1002

Vance, Andrew, *jt. author*

see Ferguson, William Dwyer and Vance, Andrew. The tenure and improvement of land in Ireland. 1851. 601

Vancouver, Charles

- 1805 General view of the agriculture in the county of Cambridge . . . Drawn up for . . . the Board of agriculture [etc.]. W. Smith: London, 1794. pp. 219, plt., 8vo. (sm. 4to.)

- 1806 General view of the agriculture in the county of Essex . . . Drawn up for . . . the Board of agriculture [etc.]. W. Smith: London, 1795. pp. viii, [9]–213, plts., 8vo. (sm. 4to.)

- 1807 General view of the agriculture of Hampshire, including the Isle of Wight. Drawn up for the Board of agriculture [etc.]. R. Phillips: London, 1810.
pp. viii [i.e. xii], 520, [4], mp. frontis., plts., 8vo.

- 1808 ——. [Another issue]. Sherwood, Neely & Jones: London, 1813.

- 1809 General view of the agriculture of the county of Devon . . . Drawn up for . . . the Board of agriculture [etc.]. R. Phillips: London, 1808.
pp. xii, 479, [4], mp. frontis., plts. (incl. mps.), 8vo.

- 1810 ——. [Another issue]. Sherwood, Neely & Jones: London, 1813.

Vansittart, Robert, *ed.*

- 1811 Certain ancient tracts concerning the management of landed property reprinted. [Ed. by R. Vansittart]. C. Bathurst; J. Newbery: London, 1767.
pp. [iv], viii, v, 6–100, viii, 120, [ii], 82, 8vo.

Contains *Surveyinge* and *The boke of husbandry*, by sir Anthony Fitzherbert; Xenophon's *Treatise of householdē*, trsl. from the Greek by Gentian Hervet.

Varley, Charles. *see* Varlo, Charles

Varlo, Charles

- 1812 The essence of agriculture, being a regular system of husbandry through all its branches; suited to the climate and lands of Ireland . . . With the author's twelve months tour thro' America [etc.]. In two books, bound in one volume. The author: London, 1786. pp. v, [ii], 283, 124, pls., 8vo.
- 1813 The floating ideas of nature, suited to the philosopher, farmer, and mechanic . . . introducing several new crops and their management. The first volume treats chiefly of agriculture [etc.]. The author: London, 1796. 2 vol., 8vo.
- 1814 A new system of husbandry, [etc.]. 4th ed. The author: London, 1774. 3 vol., 8vo.
- 1815 A treatise on agriculture, intitled The Yorkshire farmer. In two parts. This treatise explains and exemplifies . . . methods of husbandry, and of reclaiming bog and mountain. Also, A monthly calendar of works to be done . . . With several cuts of machines, and tools, &c. Likewise . . . a scheme for maintaining the poor [of Ireland]. A. M'Culloh: Dublin, 1765. pp. [ii], xiii, [iv], 252, [4], pls., 8vo.

The two parts are paged continuously.

Vasey, George

- 1816 A monograph of the genus Bos. The natural history of bulls, bisons, and buffaloes . . . With an introduction, containing an account of experiments on rumination, from the French of m. Flourens. J. R. Smith: London, 1857. pp. xvi, 192, frontis., illus., 8vo.

Vaux, Thomas

- 1817 Outlines of a new plan for tilling & fertilizing land. Longmans: London, 1840. pp. [ii], [8], [iii]-xi, 214, pls., 8vo.
The 8 unnumbered pages following the first leaf are an inserted gathering, the first six pages of which are lettered a-f.

Veritas, *pseud.*

- 1818 A letter to the King [William IV] on the present crisis of the national affairs. [Signed Veritas]. J. Ridgway: London, 1830. pp. 20, 8vo.
Pages 1-2 wanting.

Vermin-killer

The complete vermin-killer. 4th ed. [c. 1775]. *see* Complete vermin-killer . . . 382

Vernon, Arthur

- 1819 Estate fences: their choice, construction and cost. And a chapter on Boundaries and fences in their legal aspect by T. W. Marshall. E. & F. N. Spon: London; Spon & Chamberlain: New York, 1899. pp. x, 420, illus., 8vo.

Vial de Saint Bel, Charles

- 1820 The sportsman, farrier and shoeing-smiths, new guide, being the substance of the works of the late Charles Vial de St. Bell. To which is prefixed [or rather appended] a short account of his life & the origin of the [Veterinary] college [St. Pancras]. Also, an appendix, containing . . . extracts from . . . veterinary writers. By John Lawrence. B. Crosby, [etc.]: London, [etc.]. [1796?]. pp. iv, 252, pls., 8vo.

The title-page is engraved. Paper watermarked 1795: advertisements for books published 1796 included.

Ville, Georges

- 1821 On artificial manures: their chemical selection and scientific application to agriculture. A series of lectures given at the experimental farm at Vincennes during 1867 & 1874-5. Translated [from the French] and edited by William Crookes. Longmans: London, 1879.
pp. xliv, 450, frontis., pls., illus., 8vo.
- 1822 The perplexed farmer: how is he to meet alien competition? Three lectures . . . Translated from the fourth French edition, with additional matter supplied by the author, by William Crookes. Longmans: London and New York, 1891.
pp. xxxvi, 208, illus., 8vo.

Vincent, James Edmund

- 1823 The land question in north Wales: being a brief survey of the history, origin, and character of the agrarian agitation, and of the nature and effects of the proceedings of the Welsh land commission. Longmans: London, [etc.], 1896.
pp. viii, 520, 8vo.

Voelcker, Augustus, 1822-84

- 1824 Agricultural chemistry. Four lectures on farmyard manure, artificial manures, barren and fertile soils, oil-cakes, &c. J. Ridgway: London, 1857. pp. 72, 8vo.
- 1825 Beet-root distillation: containing a report on the subject by Augustus Voelcker, and particulars and prices of beet-root distilleries as fitted by messrs. D. Savalle & co. [n.p.], 1870.
pp. 126, 8vo.
- 1826 Cheese experiments. W. Clowes: London, 1862. pp. 23, 8vo.
From the *Journal of the Royal agricultural society of England*, vol. 23, 1862.
- 1827 Contributions to agricultural chemistry. [A collection of 68 papers]. W. Clowes: London, [c. 1894]. 2 vol., 8vo.
A collection of reprints from the *Journal of the Royal agricultural society of England*.

- Voelcker, Augustus, 1822–84**
- 1828 Essay on the use of Weardale lime, in the agriculture of Cleveland and south Durham [etc.]. W. J. Browne: Stokesley, 1855. pp. 24, 8vo.
- 1829 On milk. W. Clowes: London, 1863. pp. 37, [2], illus., 8vo.
From the *Journal of the Royal agricultural society of England*, vol. 24, 1863.
- 1830 On poisonous cheese. W. Clowes: London, 1862. pp. 7, 8vo.
From the *Journal of the Royal agricultural society of England*, vol. 23, 1862.
- 1831 On the composition and use of gas-lime in agriculture. [n.p., c. 1870]. pp. 4, 8vo.
- 1832 On the composition of cheese, and on practical mistakes in cheese-making. W. Clowes: London, 1861. pp. 43, 8vo.
From the *Journal of the Royal agricultural society of England*, vol. 22, 1861.
- Voelcker, John Augustus, 1854–1937**
- 1833 Butter & butter-making. A lecture delivered to the Bath and west of England and southern counties society, in connection with the establishment of a dairy school at Oxford, April 6th, 1889. Wilkes: London, [1889]. pp. 15, 8vo.
- Voelcker, John Christopher Augustus, 1822–84. see Voelcker, Augustus, 1822–84.**
- Voorhees, Edward Burnett**
- 1834 Fertilizers: the source, character and composition of natural, home-made and manufactured fertilizers; and suggestions as to their use for different crops and conditions. Macmillan: New York [and] London, 1898. pp. xiv, 355, 8vo.
- W., E. see Welchman, Edward, 1882**
- W., H. M. see White, H. Master.**
- W., J., gent. see Worlidge, John. 1946–8**
- Wagner, Paul**
- 1835 In what circumstances and by what means is the highest possible action to be obtained from ammoniacal nitrogen. [n.p., c. 1903]. pp. 4, 8vo.
Address delivered before the winter meeting, 1903, of the German agricultural society.
- 1836 How are nitrogen and phosphoric acid to be obtained in the cheapest way? A lecture. Translated by D. A. Louis. H. & E. Albert: London, 1892. pp. 32, illus., 8vo.
- 1837 The rational manuring of field plants. Two lectures. Translated by G. G. Henderson. H. & E. Albert: London, 1891. pp. 32, illus., 8vo.

Waistell, Charles

- 1838 Designs for agricultural buildings, including labourers' cottages, farm-houses and out-offices . . . To which are prefixed, An essay on the improvement of the condition of cottagers, [etc.]. Ed. by Joseph Jopling. M. Taylor: London, [1826]. pp. xi, 115, pls., illus., 4to.

Waite, T.

- 1839 Hints to agriculturists on the use of saltpetre and nitrate of soda as a tillage, with the results of experiments, and the mode and time of application. T. Brooke: Doncaster, 1841. pp. 15, 8vo.

Wales—National Library. *see* Aberystwyth—National Library of Wales. 2

Walesby, Francis Pearson

Memoirs of the duke of Richmond and the late John Ellman. *in* Baxter, John, *publisher*. Baxter's Library of practical agriculture. 2 vol. 1846. 130

Walker, D.

- 1840 General view of the agriculture of the county of Hertford . . . Drawn up for . . . the Board of agriculture [etc.]. W. Bulmer: London, 1795. pp. 86, 8vo. (sm. 4to.)
Lacking first leaf (half-title?).

Walker, John, 1731–1803, *professor of natural history*

- 1841 Essays on natural history and rural economy. Longman: London; Guthrie & Anderson: Edinburgh, 1812. pp. [ii], ii, 629, 8vo.

Walker, John, *of The Hill, near Rugby*

- 1842 The cow and calf: a practical manual . . . With a description of different breeds of beasts, their milking capabilities, dairy work, and an article on the baneful ergot parasite in grasses. 2nd ed. T. C. Jack: London [and] Edinburgh, 1887. pp. viii, 128, frontis., illus., 8vo.
The frontispiece is in the form of two plates facing one another.

Wallace, R. Hedger

- 1843 Agriculture. W. & R. Chambers: London & Edinburgh, 1895. pp. 352, illus., 8vo.
- 1844 White cattle: an inquiry into their origin and history. [n.p.], 1900. cover-title, pp. 220–273, 403–457, pls., illus., 8vo.
From the *Transactions of the Natural history society of Glasgow*, new ser. vol. 5, 1897–99.

Wallace, Robert

- 1845 Farm live stock of Great Britain. Oliver & Boyd: Edinburgh; Simpkin, Marshall: London, 1885. pp. 184, 8vo.
- 1846 ——. [2nd ed.] Oliver & Boyd: Edinburgh; Simpkin, Marshall: London, 1889.
pp. xxx, [ii], 333, [2], frontis., plts. (incl. mps.), illus., 8vo.
- 1847 Farming industries of Cape colony. P. S. King: London; J. C. Juta: Capetown, [etc.], 1896.
pp. xxxi, 552, frontis., plts. (incl. mps.), illus., 8vo.
- 1848 Lectures and papers. [n.p.], 1897. pagination various, 8vo.

A volume of 24 pamphlets, with a typewritten contents-page, in a publisher's casing. In the present copy pamphlet no. 14 is lacking and no. 15 occurs twice. With author's autograph dedication to T. H. Middleton, 6th April, 1902.

Contents:

1. Agricultural education in its various aspects. (Inaugural address, Edinburgh, 1885.)
2. Opening address to the class of agriculture, 1888.
3. Rural-school education in agriculture (Scotland). [1888.]
4. Education in agriculture. (From the *National Review*, April 1888.)
5. Introductory lecture on some interesting features of Australasian agriculture, 1889.
6. Introductory lecture on American cattle and the American export trade in beef and live cattle to Great Britain, 1890.
7. Introductory lecture on education, experimentation, and emigration in the United States of America, 1890.
8. The natural and artificial food of Scotch hill sheep. By Robert Wallace and Edward Kinch. (From the *Transactions of the Highland and agricultural society of Scotland*, 4th ser. vol. 16, 1884.)
9. Ceylon in the Jubilee year. 1888.
10. Lecture on Indian agriculture & foreign competition. (*Renfrewshire agricultural society*.) 1888.
11. On the colour of the skin of men and animals in India. (From the *Proceedings of the Royal society of Edinburgh*, vol. 15, 1887-88.)
12. Agricultural and dairy schools; being a review of the reports of the Agricultural and dairy schools commission. 1888.
13. Allotments and small farms. (From the *Glasgow Herald*, 21st February 1889.)
14. A central normal school of agriculture. (From *The Times*, 23rd August 1890.) [not present, but cf. his *Lectures and papers*. 1903. no. 25].
15. A central normal school of agriculture. Letter in reply to Mr. Thomas Bell. (From *The Times*, 25th September 1890.)
16. A review of a specimen of the work of the agricultural department of Madras. Being a criticism of a pamphlet written by Mr. C. Benson. 1889.
17. Trade prospects in the United States. (From the *Glasgow Herald*, 20th August 1890.)

Wallace, Robert

1848 Lectures and papers. 1897

Contents [cont.]

18. Opening lecture to the fourth special class for rural schoolmasters on the means for agricultural education in Scotland, 1891.
19. Opening address on Egyptian agriculture. 1891.
20. A few interesting features of the agricultural situation. A paper read in section F (Economics) of the British association Edinburgh meeting, 1892.
21. Australasian agriculture. (From the *Journal of the Royal colonial institute*, no. 4, session 1892-93.)
22. Special report on the agricultural resources of Canada. 1894.
23. Tuberculosis in cattle. (From *The Times*, 14th November 1895.)
24. Key to W. & A. K. Johnston's series of agricultural diagrams. [1892.]

1849 [Lectures and papers. n.p., 1905]. pagination various, 8vo.

This volume has a printed contents-list (3 pp.) headed: *Contents of bound 8vo pamphlets (1903) and references to published papers and letters by Robert Wallace*. In this list, references are not distinguished from titles of pamphlets included in the volume: the pamphlets are numbered according to the list, and the volume contains the 50 items listed below, out of 54 appearing in the list. From comparison with other copies, it appears that this copy is not defective but is in the original state.

Contents: [Those items appearing also in the preceding volume are indicated thus: 9.=1897, no. 9]

- 9.=1897, no. 9.
- 10.=1897, no. 10.
- 12.=1897, no. 2.
- 16.=1897, no. 5.
- 17.=1897, no. 6.
- 18.=1897, no. 7.
- 19.=1897, no. 12.
- 21.=1897, no. 13.
- 22.=1897, no. 16, but this copy has in pencil on t.p.: *Proof afterwards modified*. It contains a number of passages of a vituperative nature which have been excised or altered in the copy in the 1897 volume: the latter copy also contains an additional paragraph (on p. 13) which does not occur in the copy in the 1905 volume.
- 25.=1897, no. 14.
- 24.=1897, no. 15.
- 25.=1897, no. 17.
- 26.=1897, no. 18.
- 28.=1897, no. 19.
- 29.=1897, no. 20.
- 32.=1897, no. 22.
33. Incorporated Edinburgh School of Agricultural Science. Prospectus and syllabus, session 1894-95.
- 34.=1897, no. 23.
39. An address on agriculture as an educational subject, 1899.

Wallace, Robert

1849 Lectures and papers. 1903

Contents [cont.]

41. Lecture and articles on irrigation in India, America, Egypt and Australia, 1898.
42. A letter on African horse sickness, reprinted from *The Times* of 29th November 1899.
43. Nature knowledge teaching introduced by the Scotch code of 1899. [1900.]
44. Scab in sheep: suggestions for its eradication. (From the *Transactions of the Highland and agricultural society of Scotland*, 5th ser. vol. 12, 1900.) 1900.
45. Agricultural education in Cheshire. 1900.
46. The Garton lectures on colonial and Indian agriculture in Edinburgh university. (From the *Imperial and Asiatic quarterly review*, 1900.)
47. Letter on the creamery system of Ireland to *The Times* of November 30, 1900.
48. Lecture on famine in India. (Inaugural address, Garton lectures, 1900.)
49. Agriculture in South Africa. (From the *Proceedings of the Royal colonial institute*, 1901.)
50. Revised record of students who studied in the Edinburgh university department of agriculture between the years 1885-86-1901-02 (inclusive), 1905.
51. [List of] Memoranda, chiefly by professor Wallace, collected 1903, and bound in a folio volume. [cf. no. 1850].

1850 Memoranda [on agricultural education] chiefly by professor Wallace. Collected 1905. [n.p., 1905]. pagination various, fol.
A collection of 46 brief memoranda, with a printed contents sheet. The original memoranda and pamphlets were issued at various dates from 1885 to 1905.

1851 Opening address to the class of agriculture and rural economy . . . 1888. Oliver & Boyd: Edinburgh, [1888]. pp. 20, 8vo.
Also in his *Lectures and papers*. 1897 (no. 2) and his *Lectures and papers*. 1903 (no. 12).

Wallace, S. Williamson

1852 Inaugural address to the agriculture class [etc.]. Darien Press: Edinburgh, 1888. pp. 16, 8vo.

Walley, Thomas

1853 Hints on the breeding and rearing of farm animals. Turnbull & Spears: Edinburgh, [1887]. pp. [iv], 68, 8vo.

Wallis, Thomas

1854 The farrier's and horseman's complete dictionary, [etc.]. 3rd ed. J. Beecroft, [etc.]: London; T. Baker: Southampton, 1775. pp. vi, [356 unnumbered], 8vo.

Walsh, John Henry. '*Stonehenge*', *pseud.*

- 1855 The dog in health and disease. Comprising the various modes of breaking and using him for hunting, coursing, shooting, etc., and including the points or characteristics of toy dogs. 2nd ed. Longmans: London, 1872. pp. xvi, 470, frontis., illus., 8vo.

Walsh, John Henry and Lupton, James Irvine

- 1856 The horse, in the stable and the field: his varieties, management in health and disease, anatomy, physiology, etc., etc. Routledge: London [and] New York, 1861. pp. x, 622, frontis., illus., 8vo.

Walter, of Henley

- 1857 Walter of Henley's Husbandry, together with an anonymous Husbandry, Seneschaucie, and Robert Grosseteste's Rules. The transcripts, translations, and glossary by Elizabeth Lamond. With an introduction by W. Cunningham. Longmans: London and New York, 1890. pp. xlv, 171, 4to.
Published for the Royal Historical Society.

Walton, William

- 1858 An historical and descriptive account of the Peruvian sheep, called Carneros de la tierra . . . of the experiments made by the Spaniards to improve the respective breeds, . . . [and] of a successful attempt to domesticate the Vicuna in England, and a recommendation of this species to cross with our native flocks. J. Harding: London, 1811. pp. iv, [iii]–vi, [7]–183, pls., 8vo.
- 1859 A memoir addressed to proprietors of mountain and other waste lands, and agriculturists of the United Kingdom, on the naturalization of the alpaca, [etc.]. 2nd ed. Natural History Society of Liverpool; W. Webb: Liverpool; Simpkin: London, 1843. pp. 44, plt., 8vo.
With samples of alpaca wool and an autograph letter from William Danson, Liverpool, inserted.

Ward, Lock & co., publishers

- 1860 Ward & Lock's Book of farm management and country life. A complete cyclopaedia of rural occupations. Ward, Lock: London [and] New York, [1881]. pp. viii, 1370, frontis., pls., illus., 8vo.
This work is a combination of two books published over the name of Samuel Orchard Beeton, viz. *Beeton's Farmer's own book* and *Beeton's Farm, field and garden* (q.v., 142 and 143). Separate sections were also published anonymously under various titles (e.g., 399, 413 and 1548).

Ware, Lewis Sharpe

- 1861 The sugar beet: including a history of the beet sugar industry in Europe, varieties of the sugar beet, examination, soils, tillage, seeds and sowing, [etc.]. H. C. Baird: Philadelphia; S. Low: London, 1880.
pp. xxiv, [25]-325, frontis., illus., la. 8vo.

Warington, Robert

- 1862 The chemistry of the farm. (*Handbooks of the Farm*, 1: *gen. ed. J. C. Morton*). 3rd ed. Bradbury, Agnew: London, 1884.
pp. vi, [ii], 128, 8vo.
- 1863 ——. 6th ed., rev. and enlarged. Vinton: London, [1891].
pp. [viii], 160, 8vo.
With an autograph letter dated 7/12/92 from Robert Warington to W. Frank Perkins inserted.
- 1864 Lectures on some of the physical properties of soil. Clarendon Press: Oxford, 1900. pp. xv, 231, frontis., illus., 8vo.
- 1865 Sulphate of ammonia: its characteristics and practical value as a manure. Sulphate of Ammonia Committee: London, 1900.
pp. 150, 8vo.
see Lawes, sir John Bennet, 1st bart. New determinations of ammonia, chlorine, and sulphuric acid, in the rain-water collected at Rothamsted. By sir J. B. Lawes, J. H. Gilbert and R. Warington. 1885. *and* On the amount and composition of the rain and drainage-waters collected at Rothamsted. By J. B. Lawes, J. H. Gilbert and R. Warington. 1882. 956-7

Warner, Richard

- 1866 *Antiquitates culinariae*; or, Curious tracts relating to the culinary affairs of the old English, with a preliminary discourse, notes, and illustrations. R. Blamire: London, 1791.
pp. lx, 137, frontis., plt., fol.
The title-page is engraved. The frontispiece was the cause of litigation which resulted in Warner having to pay £70 for breach of copyright and to withdraw the book from circulation (Warner's *Literary recollections*, vol. 1, p. 277).

Warnes, John

- 1867 Extracts from ancient and modern writers on the flax crop, selected and arranged by John Warnes, jun. Published for . . . the National flax and agricultural improvement association. Edwards & Hughes: London; Matchett, Stevenson & Matchett: Norwich, 1844. pp. 59, 8vo.
- 1868 On the cultivation of flax; the fattening of cattle with native produce; box-feeding; and summer-grazing. W. Clowes: London, 1846. pp. xv, 321, pls., illus., 8vo.
- 1869 Suggestions on fattening cattle with native instead of foreign produce. Longman: London; Bacon, Kinnebrook & Bacon: Norwich, 1842. pp. 59, 8vo.

Waterton, Henry

- 1870 Treatise on alkali as a manure, shewing its cheapness and efficiency for increasing the productiveness of the soil. G. Philip: Liverpool; Machen: Dublin, 1843. pp. 48, 8vo.

Watson, John

- 1871 The best breeds of British stock: a practical guide for farmers and owners of live stock in England and the colonies. By professor Sheldon [and others]. Ed. by J. Watson. W. Thacker: London [and] Calcutta, 1898. pp. vi, [ii], 150, frontis., 8vo.
- 1872 Farm vermin, helpful and hurtful. By various writers. Ed. by J. Watson. (*Rider's Technical Handbooks*, 5). W. Rider: London [and] New York, [1894]. pp. [viii], 85, illus., 8vo.
- 1873 A handbook for farmers and small holders. By James Long and other experts. Ed. by J. Watson. S. Low: London, 1892. pp. [viii], 227, 8vo.
- 1874 Ornithology in relation to agriculture and horticulture. By various writers. Ed. by J. Watson. W. H. Allen: London, 1895. pp. viii, 220, 8vo.

Watson, Richard, bp.

- 1875 Miscellaneous tracts on religious, political, and agricultural subjects. T. Cadell & W. Davies: London, 1815. 2 vol., 8vo.
Vol. 2 contains *Preliminary observations to mr. Pringle's General view of the agriculture of Westmoreland and On planting and waste lands: a letter to the President of the Board of agriculture*, dated London, 1807.

The Way to be rich and respectable, addressed to men of small fortune. [By J. Trusler. c. 1775] and 4th ed. [c. 1776]. see Trusler, John. 1777-8

Weale, John, publisher

Weale's Rudimentary Series, afterwards Weale's Scientific and Technical Series.

29. Dempsey, G. D. Rudimentary treatise on the drainage of districts and lands. 1875. 474
63. Andrews, G. H. Rudimentary treatise on agricultural engineering. 3 vol. [in 1]. 1852-53. 59
145. Burn, R. S. Outlines of modern farming. vol. 4: The dairy, [etc.]. [c. 1910]. 276
207. Burn, R. S. Outlines of farm management and the organization of farm labour. [c. 1885]. 274
259. Scott, J. Draining and embanking. 1885. 1530
241. Scott, J. Farm roads, fences, and gates. 1885. 1532
242. Scott, J. Farm buildings. 1897. 1531
243. Scott, J. Barn implements and machines. 1884. 1529
244. Scott, J. Field implements and machines. 1884. 1534

Webb, Henry John

- 1876 Advanced agriculture. (*Advanced Science Manuals*). Longmans: London and New York, 1894. pp. viii, 672, illus., 8vo.
- 1877 Elementary agriculture: a text-book specially adapted to the requirements of the Science and art department [etc.]. (*Longman's Elementary Science Manuals*). 3rd ed. Longmans: London, [etc.], 1896. pp. viii, 196, mp. frontis., plt., illus., 8vo.

Webb, James

- 1878 The farmer's guide: a treatise on the diseases of horses and black cattle, . . . and . . . the management of breeding mares . . . cows . . . [and] sheep. 13th ed. Blackie: London, [etc.], 1867. pp. xii, [13]-223, frontis., plts., 8vo.

Webb, Jane, afterwards mrs. Loudon. see Loudon, mrs. Jane

Webster, James

- 1879 General view of the agriculture of Galloway, comprehending . . . Kirkcudbright and . . . Wigton . . . Drawn up for . . . the Board of agriculture [etc.]. J. Paterson: Edinburgh, 1794. pp. [6], 40, 8vo. (sm. 4to.)

Wedge, John

- 1880 General view of the agriculture of the county of Warwick . . . Drawn up for . . . the Board of agriculture [etc.]. C. Macrae: London, 1794. pp. 60, plts., 8vo. (sm. 4to.)
Pages 52-56 misnumbered 50-54.

Wedge, Thomas

- 1881 General view of the agriculture of the county palatine of Chester . . . Drawn up for . . . the Board of agriculture [etc.]. C. Macrae: London, 1794. pp. 88, 8vo. (sm. 4to.)
Lacking the half-title.

Welchman, Edward

- 1882 The husbandman's manual. Directing him how to improve the several actions of his calling . . . to the glory of God . . . To which are now first added many suitable meditations and prayers, on particular occasions. 5th ed., corrected and enlarged. Written by a minister in the country [i.e. Edward Welchman]. S. Rudder: Cirencester, [c. 1760?]. pp. xii, 104, sm. 8vo.
See also Supplementary Notes, p. 291.

Weld, Isaac

- 1883 Statistical survey of the county of Roscommon, drawn up under the directions of the Royal Dublin society. R. Graisberry: Dublin, 1832. pp. xx, 710, [2], lxxii, mp. frontis., 8vo.

West, Edward

- 1884 Second letter to the farmers of Dorsetshire on the cause of depression in the prices of agricultural produce. C. Gilpin: London, 1844. pp. 30, 8vo.

West, John

- 1885 Remarks on the 'turnip question', together with some observations on the use of the sub-soil plough, as applied to the growth of turnips. In a letter addressed to Henry Handley, esq., president of the Royal agricultural society of England. J. Wells: Newark, 1841. pp. [ii], iv, [3]–111, 8vo.

Wester Ross Farming Society

see Highland and Agricultural Society of Scotland. Report by the committee appointed to consider the petition of the Wester Ross farming society, praying that the Highland and agricultural society would establish an experimental farm. [1840]. 798

Western, Charles Callis, 1st baron

- 1886 A letter from lord Western, on the management of his flock of merino sheep, addressed to James Bischoff. Ridgway; Smith, Elder: London, 1842. pp. 16, 12, pls., 8vo.
Following the letter to Bischoff (pp. 3–16) is a letter to earl Spencer, dated December 1, 1838, separately paged.
- 1887 A letter to . . . the Chelmsford agricultural society, upon the causes of the distressed state of the agricultural classes of the United Kingdom of Great Britain and Ireland. J. Ridgway: London, [1835]. pp. 16, 8vo.
- 1888 ——. 4th ed. J. Ridgway: London, 1835. pp. [ii], 20, 8vo.
- 1889 Second letter to . . . the Chelmsford and Essex agricultural society. S. Simms: Bath; Ridgway [*sic*]; Whittaker: London, [1835]. pp. [ii], 16, 8vo.
- 1890 Second address to the landowners of the united empire. 2nd ed. Ridgway; Budd & Calkin: London, 1822. pp. 60, 8vo.
On title-page: With the Authors Compts.

Weston, sir Richard, 1591–1652

- 1891 A discours of husbandrie used in Brabant and Flanders: shewing the wonderful improvement of land there; and serving as a pattern for our practice in this common-wealth. [By sir Richard Weston, ed. by S. Hartlib]. 3rd ed., corrected and enlarged. W. Du-Gard for F. Coles: London, 1654.
pp. [viii], 27, [2], 8vo. (sm. 4to.)
Wing W 1483A.

Weston, Richard, 1755-1806

- 1892 A new cheap manure . . . A treatise on alabaster or gypsum. Describing its powerful effects [etc.]. R. Phillips: Leicester, 1791. pp. [iv], 48, 8vo.

- 1893 Tracts on practical agriculture and gardening . . . With several useful improvements in stoves and green-houses. To which is added, A chronological catalogue of English authors on agriculture, botany, gardening, &c. 2nd ed., greatly improved. S. Hooper: London, 1773. pp. iv, xxxi, 298, [2], 156, 8vo.
The first ed. was published anonymously in 1769.

Wharnccliffe, John Stuart Wortley, 2nd baron. *see* Wortley

Whately, Thomas

- 1894 Observations on modern gardening, illustrated by descriptions. [By T. Whately]. T. Payne: London, 1770. pp. [viii], 257, 8vo.

Wheat: its history, characteristics, chemical composition, and nutritive properties. By the Old Norfolk Farmer [i.e. S. Copland. 1865]. *see* Copland, Samuel. 397

Wheeler, William Henry

- 1895 The drainage of fens and low lands by gravitation and steam power. E. & F. N. Spon: London [and] New York, 1888. pp. iv, [iv], 175, pls., 8vo.

- 1896 A history of the fens of south Lincolnshire, being a description of the rivers Witham and Welland and their estuary, and an account of the reclamation, drainage, and enclosure of the fens adjacent thereto. 2nd ed., greatly enlarged. J. M. Newcomb: Boston, Lincs.; Simpkin, Marshall: London, [1894]. pp. [viii], 489, [159], pls. (mjs.), illus., 8vo.

The 159 pages following the main sequence contain 8 appendices and the index, each separately paged.

Wheldon & Wesley, booksellers

- 1897 Catalogue, new series, 27. Important and rare books on gardening (including herbals), agriculture and husbandry (1481-1800). Wheldon & Wesley: London, 1952. pp. 52, plt., 8vo.

- 1898 Catalogue, new series, 29. Important and rare books on gardening and agriculture (1801 to recent times), including forestry, fruit-culture, medical botany, tobacco, etc. With a supplement of pamphlets on economic entomology. Wheldon & Wesley: London, 1952. pp. 55-164, 8vo.

The Whistler at the Plough, i.e. A. Somerville. *see* Somerville, Alexander. 1638-9

White, H. Master, *ed.*

see Tusser, Thomas. Some of the five hundred points of good husbandry. Now newly corrected and ed. by H.M.W. [i.e. H. Master White] 1848. 1792

White, James, *veterinary surgeon*

- 1899 A compendious dictionary of the veterinary art [etc.]. Longman, [etc.]: London, [etc.], 1817. pp. [iv], 544, frontis., sm. 8vo.
- 1900 A compendium of cattle medicine; or, Practical observations on the disorders of cattle and the other domestic animals, except the horse. 6th ed., re-arranged, with copious notes and additions, by W. C. Spooner. Longmans, [etc.]: London, 1842. pp. xvi, 522, frontis., 8vo.
- 1901 A compendium of the veterinary art: containing an accurate description of all the diseases to which the horse is liable, their symptoms and treatment, [etc.]. 6th ed., corrected. J. Badcock; Longman: London; W. Bristow: Canterbury, [1804?]. pp. vii, 234, xvii, frontis., plts., 8vo.
An additional title-page, on a paper different from that of the book, precedes the frontis., and reads: *A complete system of veterinary medicine, two vols. By James White. vol. 1. A compendium of the diseases of horses, their symptoms and treatment. W. Spilsbury for J. Badcock: London, 1804.*
- 1902 A treatise of veterinary medicine, in two vols. vol. 2 containing the materia medica, and pharmacopoeia. new ed. J. Johnson: London, 1808. pp. vii, [ii], 266, sm. 8vo.

White, John, *gardener to the Dublin Society*

- 1903 An essay on the indigenous grasses of Ireland. Graisberry & Campbell: Dublin, 1808. pp. xxix, 156, plts., 8vo.

Whitehead, sir Charles

Report on the hessian fly. 1886. *and* Reports on insects injurious to hop plants, corn crops, and fruit crops. 1885-86. *see* Privy Council Office—Agricultural Department. 1391-2

Whitley, George

- 1904 Cheese-colouring. An essay, showing the inutility and mischief of the practice, and advising its disuse in the dairy [etc.]. J. Ridgway: London, 1841. pp. xii, [15]-47, 8vo.

Whitley, Nicholas

- 1905 The application of geology to agriculture, and to the improvement and valuation of land; with the nature and properties of soils, and the principles of cultivation. Longmans: London, 1845. pp. 162, 8vo.

followed by

Sussex, F. S. M. de. Manures considered in their relation to the crop, the soil, and the atmosphere. 1848. *and his* Invention of certain improvements in the manufacture of chlorine. 1848. 1702-3

Binder's title: *Whitley & D'Sussex on agricultural geology, and on the nature, value, and improvement of soils & manures*. Bound together in publisher's casing.

Whitley, Nicholas

- 1906 On the climate of the British islands in its effects on cultivation. London, 1850. pp. 65, plts. (incl. mp.), 8vo.
From the *Journal of the Royal agricultural society of England*, vol. 11, 1850.

Whitmore, William Wolryche

- 1907 A letter on the present state and future prospects of agriculture. Addressed to the agriculturists of the county of Salop. 2nd ed., with some additions. J. Hatchard: London, 1823. pp. 111, 8vo.
- 1908 A letter to the agriculturists of the county of Salop. 3rd ed. Houlston & Stoneman: London, 1841. pp. 24, sm. 8vo.
- 1909 A second letter to the agriculturists of the county of Salop. Houlston & Stoneman: London, 1841. pp. 47, [2], 8vo.

Whyte, Andrew and Macfarlan, Duncan

- 1910 General view of the agriculture of the county of Dumbarton . . . drawn up for . . . the Board of agriculture [etc.]. J. Hedderwick: Glasgow; for G. & W. Nicol, [etc.]: London, [etc.], 1811. pp. viii, 344, mp. frontis., plts., 8vo.

Wight, Andrew

- 1911 Present state of husbandry in Scotland. Extracted from reports made to the Commissioners of the annexed estates, and published by their authority. [By A. Wight]. W. Strahan; T. Cadell: London; W. Creech: Edinburgh, 1778-84.
4 vol. [in 6], 8vo.
Not by Alexander Wight, advocate, to whom this is sometimes attributed (e.g., by H. & L., iv. 418), but by Andrew Wight, farmer; cf. Preface (vol. 1, p. vi).

Wight, Robert

- 1912 The breeds of our different domestic animals, engraved from portraits painted from life by [Thomas] Howe. (*National Work, under the patronage of the Highland Society of Scotland*). Ballantyne: Edinburgh, 1850, 29, 31. 3 pts. [in 1], obl. fol.
Intended to be issued in 6 pts. British Museum has pts. 1-3 only as here. No more published? Bound in at back is a prospectus, with the first 5 plates, of the series *Portraits of British Cattle* by Howe: in this prospectus, *The Breeds of our different domestic animals* is described as being by Robert Wight.

Wildman, Daniel

- 1913 A complete guide for the management of bees, throughout the year, [etc.]. 19th ed., with additions. The author: London, 1812. pp. viii, 9-48, plts., 8vo.

Wilkins, Victor Ernest

- 1914 Research and the land: an account of recent progress in agricultural and horticultural science in the United Kingdom. H.M.S.O.: London, 1926. pp. xiv, 388, pls., 8vo.

Issued under the auspices of the Ministry of Agriculture & Fisheries.

Wilkinson, Caroline Catherine, *lady*

- 1915 Weeds and wild flowers: their uses, legends, and literature. J. van Voorst: London, 1858.
pp. x, 421, frontis., pls., illus., 8vo.

Williams, Edward Leader

- 1916 On land drainage and irrigation, and on the application of drainage water as a motive power to machinery, for agricultural purposes. J. Ridgway, [etc.]: London, [etc.], 1849.
pp. [iv], ii, [3]-42, 8vo.

Williams, Ernest Edwin George

- 1917 The foreigner in the farmyard. W. Heinemann: London, 1897. pp. x, [ii], 176, illus., 8vo.

Williams, John, *of Cork*

- 1918 A treatise on dairy management; with rules for ascertaining the value and produce of new milk. To which are added, Directions for preparing butter for the home and foreign markets, [etc.]. G. Nash: Cork, 1845. pp. 31, 8vo.

Williams, John, *of Pitmaston, near Worcester*

- 1919 The climate of Great Britain; or, Remarks on the change it has undergone, particularly within the last fifty years . . . with the effects such ungenial seasons have produced upon the vegetable and animal economy, [etc.]. C. & R. Baldwin: London, 1806. pp. viii, [ii], 360, 8vo.

Williams, William Owen

- 1920 Abortion in cows. J. M. Carr: Newcastle-upon-Tyne, 1885. cover-title, pp. 14, 8vo.

From the *Transactions of the North of England veterinary medical association*, 1885.

Williamson, Thomas

- 1921 Agricultural mechanism; or, A display of the several properties, and powers, of the vehicles, implements, and machinery, connected with husbandry [etc.]. Black, Parry & Kingsbury: London, 1810. pp. xiii, [ii], 311, pls., 8vo.

- Willich, Anthony Florian Madinger
- 1922 The domestic encyclopaedia; or, A dictionary of facts, and useful knowledge: comprehending a concise view of the latest discoveries, inventions, and improvements, chiefly applicable to rural and domestic economy, [etc.]. Murray & Highley, [etc.]: London, 1802. 4 vol., 8vo.
- Willis, J. J., *jt. author*
see Buckmaster, John Charles and Willis, J. J. The elementary principles of scientific agriculture. [1882]. 265
- Wilson, Alexander Stephen
- 1923 A bushel of corn. D. Douglas: Edinburgh, 1883.
 pp. xviii, [ii], 546, pls., 8vo.
- Wilson, John, *farmer at Edington Mains, Berwickshire*
- 1924 British farming: a description of the mixed husbandry of Great Britain. A. & C. Black: Edinburgh, 1862.
 pp. xix, 569, pls., illus., 8vo.
- Wilson, John, *of Hurler, Renfrewshire*
- 1925 General view of the agriculture of Renfrewshire . . . and an account of its commerce and manufactures. Drawn up for . . . the Board of agriculture [etc.]. S. Young: Paisley; for G. & W. Nicol, [etc.]: London, [etc.], 1812.
 pp. xi, 370, [10], mp. frontis., pls., 8vo.
- Wilson, John, 1812-88, *professor of agriculture at Edinburgh*
- 1926 Our farm crops. Being a popular scientific description of the cultivation, chemistry, diseases, remedies, &c., of the various crops cultivated in Great Britain and Ireland. Blackie: London, [etc.], [1860]. 2 vol., 8vo.
- Wilson, John Marius
- 1927 The farmer's dictionary; or A cyclopedia of agriculture . . . Ed. by John M. Wilson. A. Fullarton: Edinburgh and London, [1850-52]. 2 vol., la. 8vo.
- 1928 The potato; an essay on its constitution, diseases, varieties, cultivation, and uses; together with brief notices of some recently introduced plants which may be substituted for it in either the garden or the field. (Extracted from the Rural cyclopedia). A. Fullarton: Edinburgh & London, 1850.
 pp. [ii], 106, frontis., sm. 8vo.
 The frontispiece consists of two plates facing one another. A 4-page prospectus for the *Rural cyclopedia* is bound in at the front of the book.
- 1929 The rural cyclopedia, or A general dictionary of agriculture, and of the arts, sciences, instruments, and practice, necessary to the farmer, stockfarmer, gardener, forester, landsteward, farrier, &c. Ed. by John M. Wilson. A. Fullarton: Edinburgh & London, 1847-49. 4 vol., la. 8vo.

Wilson, William

- 1930 Practical observations on agricultural grasses and other pasture plants. 2nd ed. Simpkin, Marshall, [etc.]: London, [etc.], 1889. pp. 117, pls., 8vo.

Wimpey, Joseph

- 1931 Rural improvements: or, Essays on the most rational methods of improving estates; accommodated to the soil, climate, and circumstances of England, [etc.]. By a land owner [i.e. Joseph Wimpey]. J. Dodsley: London, 1775. pp. xvi, 528, xv, 8vo.

Winchilsea, George Finch, 9th earl of. *see* Finch. 604

Wingerworth Farmers' Club

An address delivered to the members of the Wingerworth farmers' club. By J. Brown. 1844. *with* Rules [of the club]. *see* Brown, J. 236

Winlaw, William

- 1932 A description of some engines and implements used in husbandry, &c., made and sold by William Winlaw . . . Also a list of sundry improved ploughs, horse-hoes, [etc.]. J. Hay, for W. Winlaw: London, 1786. pp. [ii], 10, pls., obl. 1a. 8vo.

Winter, George. '*Benjamin Bramble*', *pseud.*

- 1933 The farmer convinced; or, The reviewers of the Monthly review anatomized; their ignorance expos'd; and their vague, futile, and fallacious assertions refuted. Also W——'s [i.e. Winter's] New and compendious system of husbandry dissected; with remarks on his patent drill machine. By Benjamin Bramble [i.e. G. Winter]. Mrs. E. Newberry, [etc.]: London, [etc.], 1788. pp. 65, 8vo.

- 1934 A new and compendious system of husbandry. Containing the mechanical, chemical, and philosophical elements of agriculture, [etc.]. W. Routh, [etc.]: Bristol, [etc.], 1787. pp. vi, [xviii], 559, plt., 8vo.

Wissett, Robert

- 1935 A treatise on hemp, including a comprehensive account of the best modes of cultivation and preparation . . . with observations on the sunn plant of India, which may be introduced as a substitute for . . . hemp . . . With an appendix, on the most effectual means of producing a sufficiency of English grown hemp, by lord Somerville. J. Harding: London, 1808. pp. [iv], xvi, 296, frontis., pls., 4to.

Woburn Experiments

Objects & plan of the Woburn experiments. [1878?]. *and* Objects, plan and results of the Woburn experiments. [1880]. *see* Royal Agricultural Society of England. 1503-4

- Wolff, Emil Theodor von
- 1936 Farm foods: or, The rational feeding of farm animals. From the 6th ed. of *Landwirtschaftliche Fütterungslehre*. Translated by Herbert H. Cousins. Gurney & Jackson: London, 1895. pp. xx, 365, 8vo.
- Wood, John, *groom to the king of Sardinia*
- 1937 A new compendious treatise of farriery [etc.]. Mr. Hewett, [etc.]: London, 1757. pp. xcvi, 136, 6, 72, 8vo.
- Wood, Theodore
- 1938 The farmer's friends and foes. S. Sonnenschein: London, 1888. pp. iv, 396, illus., 8vo.
- Wood, Thomas Barlow
see Adie, Richard Halliburton *and* Wood, Thomas Barlow. Agricultural chemistry. 2 vol. [1897]. 15
see Cambridge—University—*Department of Agriculture*. First (—third) annual report of field and feeding experiments, 1898 (—1901). 1899 (—1901). 299
see Cambridge and Counties Agricultural Education Scheme. First annual report of field and feeding experiments, 1897. 1898. 307
- Woodfall, Wilfred, *pseud.*?
- 1939 My note-book for 1822; or, The agricultural question: a satirical poem. G. & W. B. Whittaker: London, 1823. pp. vi, 158, 8vo.
 Sometimes attributed to sir Samuel Egerton Brydges: but the subject-matter of the work, and the fact that Brydges had been out of England for five years when it was published, make this attribution seem unlikely.
- Woods, Henry, *agent to lord Walsingham*
- 1940 Ensilage: its influence upon British agriculture; also, South-down sheep: their history, breeding, and management. Two lectures delivered . . . at the South Kensington museum; enlarged and revised [etc.]. Hamilton, Adams: London, [1884]. cover-title, pp. vi, [7]—53, 26, 8vo.
 Published under the auspices of the Institute of Agriculture.
- Woods, Henry, *of Merton*
- 1941 A lecture on the breeding and management of sheep, delivered before the Wayland agricultural association. Ridgway: London; R. N. Bacon: Norwich, [1864]. pp. [iv], 34, 8vo.
- Woodward, Richard, *bp.*
- 1942 A scheme for establishing county poor-houses, in the kingdom of Ireland. [By R. Woodward]. Published by order of the Dublin society. S. Powell: Dublin, 1766. pp. 15, 8vo.

A Word in season; or, How the corn-grower may yet grow rich, and his labourer happy. [By S. Smith]. 9th ed. 1852. *see* Smith, Samuel, 1794–1867, *vicar of Lois Weedon*. 1624

Worgan, G. B.

- 1943 General view of the agriculture of the county of Cornwall. Drawn up and published by order of the Board of agriculture [etc.]. G. & W. Nicol, [etc.]: London, [etc.], 1811. pp. xvi, 192, [4], mp. frontis., pls., illus., 8vo.
- 1944 ——. [Another issue]. Sherwood, Neely & Jones: London, 1815.

Workington Agricultural Society

- 1945 The president's report to the Workington agricultural society, 1819. J. Harding: London, 1820. pp. [ii], ii, 95, 8vo.

Worlidge, John

- 1946 A compleat system of husbandry and gardening; or, The gentleman's companion, in the business and pleasures of a country life, [etc.]. [By John Worlidge]. J. Pickard, [etc.]: London, 1716. pp. xxvi, [xiv], 504, plt., 8vo.

The 5th ed. of *Systema agriculturae*; cf. the 2nd ed., 1947.

Dictionarium rusticum & urbanicum: or, A dictionary of all sorts of country affairs. [Sometimes attributed to J. Worlidge]. 1704. *see* *Dictionarium rusticum* . . . 488

- 1947 *Systema agriculturae*; the mystery of husbandry discovered: treating of the several . . . ways of tilling, planting, sowing, manuring . . . of all sorts of gardens, orchards, meadows, pastures, corn-lands, [etc.]. By J.W., gent. [i.e. J. Worlidge]. 2nd ed., . . . with . . . additions . . . by the author. J.C. for T. Dring, [etc.]: London, 1675. pp. [xxxii, 324, iv], illus., fol. Wing W 3599. Wanting all after p. 318.

- 1948 The second parts of *Systema agriculturae*, or The mystery of husbandry. And *Vinetum Britannicum*, or, A treatise of cider . . . To which is added, An essay towards the discovery of the original of fountains and springs. By J.W., gent. [i.e. J. Worlidge]. G. Grafton: London, 1689. pp. [iv], xlix, [ii], 191, frontis., pls., 8vo.

Not in Wing. With an additional engraved title-page in the form of a frontispiece.

Worth, William Y-. *see* Y-Worth, William. 2009

Worthington, Richard

- 1949 Address to the practical farmers of Great Britain, recommending an entire change of system in the mode of cultivating tillage land, [etc.]. T. Holl: Worcester, 1810. pp. 72, 8vo.

Wortley, John Stuart, *2nd baron Wharnccliffe*

see Parkes, Josiah. Fallacies on land-drainage exposed.
A refutation of a letter by lord Wharnccliffe. 1851. 1304

Wright, sir James, *2nd bart.*

- 1950 Observations upon the important object of preserving wheat and other grain from vermin . . . Containing also . . . remarks on the national advantage arising from our export corn laws, and . . . from the inclosure of our forests, common fields, and waste lands [etc.]. J. Cooper: [London], 1796. pp. vii, 68, 8vo.

Wright, Robert Patrick

Principles of agriculture, ed. by R. P. Wright. 1891. see Principles . . . 1387

- 1951 The proper use of nitrate of soda as a manure. [Glasgow?, 1901]. pp. 26, 8vo.
A lecture delivered at the Glasgow international exhibition, 1901.
- 1952 The standard cyclopedia of modern agriculture and rural economy. By the most distinguished authorities and specialists, under the editorship of R. Patrick Wright. Gresham Publishing Co.: London, 1908-11. 12 vol., la. 8vo.

Wright, Thomas, *of Mark Lane*

A reply to mr. Wright's address to the public on the monopoly of small farms. 1796. see Wright, Thomas, *rector of Ould*.
The formation and management of floated meadows . . . to which is added A dissertation on the size of farms. 1808. 1955

Wright, Thomas, *rector of Ould, near Northampton*

- 1953 The advantages and method of watering meadows by art. 2nd ed. With occasional extracts and remarks upon Wimpey, Forbes, Boswell, and other writers on this subject. S. Rudder: Cirencester; Scatcherd & Whitaker: London, 1790.
pp. 48, pls., 8vo.
Imperfect: plates wanting.
- The advantages and method of watering meadows. see Boswell, George. A treatise on watering meadows . . . Also, Remarks on a late pamphlet upon that subject [by T. Wright]. 2nd ed. 1790. 199
- 1954 The art of floating land, as is practised in the county of Gloucester, shewn to be preferable to any other method in use in this country; with a particular examination of what mr. Boswell, mr. Davis, mr. Marshall, and others, have written on the subject [etc.]. J. Rider for J. Scatcherd: London; Mrs. Jones: Oxford, 1799. pp. [iv], 95, pls., 8vo.

Wright, Thomas, *rector of Ould, near Northampton*

- 1955 The formation and management of floated meadows; with corrections of errors, found in the treatises of messrs. Davis, Marshall, Boswell, Young, & Smith, on the subject of floating. To which is added, A dissertation on the size of farms. P. Mackenzie for T. Burnham: Northampton; Scatcherd & Letterman: London, 1808. pp. 207, [iv], 27, plts., 8vo.

The *Dissertation* has separate pagination, and title-page: *Large farms recommended in a national view. A reply to mr. Wright's address to the public on the monopoly of small farms. J. Scatcherd: London 1796.* For a note on authorship, see Supplementary Notes, p. 291.

Wrightson, John

- 1956 Agricultural text-book, embracing soils, manures, rotations of crops, and live stock, adapted to the requirements of the syllabus of the Science and art department, South Kensington. (*Collins' Elementary Science Series*). W. Collins: London & Glasgow, 1877. pp. 208, frontis., plt., illus., 8vo.

Cassell's agricultural readers: gen. ed. J. Wrightson. *see* **Cassell's Agricultural Readers**

- 1957 Fallow and fodder crops. Chapman & Hall: London, 1889. pp. xii, 276, 8vo.

- 1958 Farm crops. (*Cassell's Agricultural Readers: Downton Series*). Cassell: London, [etc.], 1891. pp. xiv, 224, illus., 8vo.

- 1959 The principles of agricultural practice as an instructional subject. Chapman & Hall: London, 1888. pp. xii, 218, mp. frontis., illus., 8vo.

- 1960 Sheep: breeds and management. (*Live Stock Handbooks*, 1: gen. ed. J. Sinclair). Vinton: London, 1908. pp. [iv], 235, plts., 8vo.

see Munro, John May H. Soils and manures. With chapters on drainage and land improvement by J. Wrightson. 1892. 1247

Xenophon

- 1961 The science of good husbandry: or, the Oeconomics of Xenophon. Shewing the method of ruling and ordering a family, and of managing a farm to the best advantage. Translated from the Greek by R. Bradley. T. Corbet: London, 1727. pp. [xii], 131, 8vo.

The translation is not in fact by Bradley, who did not know Greek (D.N.B.).

Treatise of householde, translated from the Greek by Gentian Hervet. *in* Vansittart, Robert, ed. Certain ancient tracts concerning landed property reprinted. 1767. 1811

Y., W., *M.D.*

The *Britannian* magazine. By W.Y., M.D. [i.e. William Y-Worth]. [1700]. *see* Y-Worth, William. 2009

Yarranton, Andrew

- 1962 England's improvement by sea and land. To out-do the Dutch without fighting, to pay debts without moneys, to set at work all the poor of England with the growth of our own lands, [etc.]. R. Everingham [etc.]: London, 1677.

pp. [xx], 1-72, 97-195, pls., 8vo. (sm. 4to.)

Wing Y 15. Pages 73-96 (gatherings K-L) are wanting in this and in all other copies seen; the text appears to be complete, and it seems likely that these page-numbers were omitted in printing. A slight difference in wording on p. 66 differentiates this copy from another in Southampton University Library with which it is otherwise identical.

Youatt, William

- 1963 Cattle; their breeds, management, and diseases; with an index. [By W. Youatt]. (*Library of Useful Knowledge*). Baldwin & Cradock: London, 1834. pp. viii, 600, illus., 8vo.

- 1964 The dog. C. Knight: London, 1845. pp. [viii], 268, illus., 8vo.
Published for the Society for the diffusion of useful knowledge.
Also in *The Farmer's library*. 2 vol. [1847-48]. 596

- 1965 The horse; with a treatise on draught; and a copious index. (*Library of Useful Knowledge*). Baldwin & Cradock: London, 1831. pp. viii, 472, illus., 8vo.

The article on *Draught* is by Isambard Kingdom Brunel. Also in *The Farmer's library*. 2 vol. [1847-48]. 596

- 1966 The obligation and extent of humanity to brutes, principally considered with reference to the domesticated animals. Longman: London, 1839. pp. vi, [ii], 218, 8vo.

- 1967 The pig: a treatise on the breeds, management, feeding, and medical treatment, of swine; with directions for salting pork, and curing bacon and hams. Cradock: London, 1847.
pp. vii, 164, frontis., illus., 8vo.

- 1968 Sheep: their breeds, management, and diseases. To which is added The mountain shepherd's manual. (*Library of Useful Knowledge*). Baldwin & Cradock: London, 1837.
pp. viii, 568, 36, illus., 8vo.

see Horne, Thomas Hartwell. The complete grazier and farmers' and cattle-breeders' assistant. Originally written [or rather revised] by William Youatt. 14th. ed. entirely rewritten by William Fream. 1900. 825

Young, Arthur, *fl.* 1707, *supposed author or translator*

Curiosities of nature and art in husbandry and gardening. [Translated anonymously from the French of P. Le Lorrain de Vallemont.] 1707. *see* Le Lorrain de Vallemont, Pierre. 1002

Young, Arthur, 1741-1820

- 1969 Annals of agriculture, and other useful arts. Collected and published by Arthur Young. vol. 1-44. H. Goldney: London, 1784-1806. 44 vol., 8vo.
Imprint varies.
- 1970 The autobiography of Arthur Young, with selections from his correspondence. Ed. by M. Betham-Edwards. Smith, Elder: London, 1898. pp. x, [ii], 480, frontis., pls., 8vo.
- 1971 A course of experimental agriculture: containing an exact register of all the business transacted during five years on near three hundred acres of various soils, [etc.]. J. Dodsley: London, 1770. 2 vol., 4to.
Vol. 1 lacks title-page and pp. i-ii of dedication.
- 1972 Essays on the management of hogs, and the culture of coleseed, including experiments. 2nd ed., with additions. W. Nicoll: London, 1770. pp. [iv], xxiv, 25-159, sm. 8vo.
- 1973 The farmer's guide in hiring and stocking farms [etc.]. By the author of The farmer's letters [i.e. A. Young]. W. Strahan, [etc.]: London, [etc.], 1770. 2 vol., 8vo.
- 1974 The farmer's kalendar; or, A monthly directory for all sorts of country business: containing plain instructions for performing the work of various kinds of farms, in every season of the year [etc.]. By an experienced farmer [i.e. A. Young]. Robinson & Roberts; J. Knox: London, 1771.
pp. [xxxii], 399, 8vo.
- 1975 ——. A new ed., greatly enlarged and improved. R. Phillips: London, 1804. pp. [ii], x, 575, [30], 8vo.
- 1976 ——. 21st ed., re-written and extended by John Chalmers Morton. Routledge: London, 1862. pp. xvi, 624, illus., 8vo.
- 1977 The farmer's letters to the people of England: containing the sentiments of a practical husbandman, on various subjects of great importance . . . To which are added, Sylvae: or, Occasional tracts on husbandry and rural oeconomics. [By A. Young]. 2nd ed., corrected and enlarged. W. Nicoll: London, 1768. pp. [vi], 482, 8vo.
- 1978 ——. 3rd ed., corrected and enlarged. W. Strahan, [etc.]: London, [etc.], 1771. 2 vol., 8vo.
Vol. 2 has title: *The farmer's letters to the landlords of Great-Britain*, [etc.].
- 1979 The farmer's tour through the east of England. Being the register of a journey through various counties of this kingdom, to enquire into the state of agriculture, [etc.]. By the author of the Farmer's letters, and the Tours through the north and south of England [i.e. A. Young]. W. Strahan, [etc.]: London, [etc.], 1771. 4 vol., 8vo.

Young, Arthur, 1741–1820

- 1980 General view of the agriculture of Hertfordshire; drawn up for . . . the Board of agriculture [etc.]. R. Phillips: London, 1804. pp. xix, 236, 2, mp. frontis., plts., illus., 8vo.
- 1981 General view of the agriculture of the county of Essex. Drawn up for . . . the Board of agriculture [etc.]. R. Phillips: London, 1807. 2 vol., 8vo.
- 1982 ——. [Another issue]. Sherwood, Neely & Jones: London, 1813.
- 1983 General view of the agriculture of the county of Lincoln; drawn up for . . . the Board of agriculture [etc.]. G. Nicol, [etc.]: London, [etc.], 1799.
pp. vii, 455, mp. frontis., plts. (incl. mps.), illus., 8vo.
Map frontis. bound between pp. 6 & 7.
see Stone, Thomas. A review of the corrected agricultural survey of Lincolnshire. 1800, and 2nd ed. 1800. 1687–8
- 1984 General view of the agriculture of Lincolnshire. Drawn up by order of the Board of agriculture [etc.]. 2nd ed. R. Phillips: London, 1808. pp. vii, 490, mp. frontis., plts. (incl. mps.), 8vo.
- 1985 ——. [Another issue]. Sherwood, Neely & Jones: London, 1813. pp. vii, 490, [6], mp. frontis., plts. (incl. mp.), illus., 8vo.
General view of the agriculture of Oxfordshire. 1813. *see* his View of the agriculture of Oxfordshire. 1999–2000
- 1986 General view of the agriculture of the county of Norfolk; drawn up for . . . the Board of agriculture [etc.]. R. Phillips: London, 1804. pp. xx, 552, 2, mp. frontis., plts., illus., 8vo.
- 1987 ——. [Another issue]. Sherwood, Neely & Jones: London, 1813.
- 1988 General view of the agriculture of the county of Suffolk . . . Drawn up for . . . the Board of agriculture [etc.]. C. Macrae: London, 1794. pp. 92, plt. (mp.), 8vo. (sm. 4to.)
- 1989 ——. [Another ed.]. B. Macmillan for G. Nicol, [etc.]: London, [etc.], 1797. pp. x, [11]–15, 314, mp. frontis., plts., 8vo.
- 1990 ——. 3rd ed. W. Bulmer for G. & W. Nicol, [etc.]: London, [etc.], 1804. pp. xv, 432, [2], mp. frontis., plts., 8vo.
- 1991 ——. [Another issue]. Sherwood, Neely & Jones: London, 1813. pp. xv, 432, mp. frontis., plts., 8vo.
General view of the agriculture of the county of Sussex. By Arthur Young [jun.]. 1793, etc. *see* Young, Arthur, 1769–1827. 2001–3
- 1992 A letter to lord Clive, on the great benefits which may result to the publick from patriotically expending a small part of a large private fortune: particularly in promoting the interests of agriculture, by forming an experimental farm [etc. By A. Young]. W. Nicoll: London, 1767. pp. [ii], 56, plt., 8vo.

Young, Arthur, 1741-1820

- 1993 On the husbandry of three celebrated British farmers, messrs. Bakewell, Arbuthnot, and Duckett: being a lecture read to the Board of agriculture. G. & W. Nicol; Sherwood, Neely & Jones: London, 1811. pp. [ii], 52, plts., 8vo.
- 1994 Political arithmetic. Containing observations on the present state of Great Britain; and the principles of her policy in the encouragement of agriculture . . . To which is added, A memoir on the corn trade: drawn up and laid before the commissioners of the Treasury, by [Thomas] Pownall. W. Nicoll: London, 1774. pp. xii, [iv], 366, [2], 8vo.
- 1995 Rural oeconomy: or, Essays on the practical parts of husbandry . . . To which is added, The rural Socrates: being memoirs of a country philosopher. By the author of the Farmer's letters [i.e. A. Young]. T. Beckett: London, 1770. pp. [iv], 520, 8vo.
The rural Socrates was written in German by Hans Kaspar Hirzel; the present translation was made by Young from the 2nd ed. (1764) of the French version of J. Frey des Landres.
- 1996 A six months tour through the north of England. Containing, an account of the present state of agriculture, manufactures and population, in several counties in this kingdom [etc. By A. Young]. W. Strahan, [etc.]: London, [etc.], 1770.
 4 vol., 8vo.
- 1997 A six weeks tour through the southern counties of England and Wales . . . In several letters to a friend. By the author of the Farmer's letters [i.e. A. Young]. 2nd ed., corrected and enlarged. W. Strahan, [etc.]: London, [etc.], 1769.
 pp. xi, 377, [16], plt., illus., 8vo.
- 1998 A tour in Ireland; with general observations on the present state of that kingdom: made in the years 1776, 1777, and 1778. And brought down to the end of 1779. T. Cadell; J. Dodsley: London, 1780. pp. [iv], xi, [iv], 384, 168, [4], plts., 4to.
- 1999 View of the agriculture of Oxfordshire. Drawn up for the Board of agriculture [etc.]. R. Phillips: London, 1809.
 pp. xii, 362, [6], mp. frontis., plts., 8vo.
- 2000 General view of the agriculture of Oxfordshire. Drawn up for . . . the Board of agriculture [etc.]. Sherwood, Neely & Jones: London, 1815. pp. xii, 362, [6], mp. frontis., plts., 8vo.
 A re-issue of the preceding, with a new title-page.
see Egremont, John. Observations on the mildew, suggested by the queries of Arthur Young. 1806. 551

- Young, Arthur, *the younger*, 1769–1827
- 2001 General view of the agriculture of the county of Sussex . . . Drawn up for . . . the Board of agriculture [etc.]. J. Nichols: London, 1793. pp. [97], pls. (incl. mp.), 8vo. (sm. 4to.)
The character 7 in the pagination of p. 97 has failed to print: the page thus appears to be numbered 9.
- 2002 ——. [Another ed.]. R. Phillips: London, 1808.
pp. viii, [2], 471, [4], mp. frontis., pls. (incl. mps.), 8vo.
- 2003 ——. [Another issue]. Sherwood, Neely & Jones: London, 1813. pp. viii, 471, [6], mp. frontis., pls. (incl. mps.), 8vo.
- Young, B.
- 2004 The grazier and farmer's assistant; or, Husbandman's calendar; . . . To which will be added, The complete vermin killer, [etc.]. G. Allen: London, [1777]. pp. 60, 8vo.
The complete vermin-killer occupies pp. 57–60.
- Young, David
- 2005 Agriculture, the primary interest of Great Britain. D. Pater-son, [etc.]: Edinburgh, [etc.], 1788, pp. xv, 406, plt., 8vo.
- 2006 National improvements upon agriculture, in twenty-seven essays. The author; J. Bell: Edinburgh, 1785.
pp. xx, 412, pls., 8vo.
- Young, Walter
- 2007 The farmer's pocket guide; or, Imperial standard measurer; containing many useful and practical tables, rules, and calculations, on subjects of rural economy, husbandry, and agricultural commerce. A. Leadbetter: Kelso; J. Nisbet: London, [c. 1823]. pp. xvi, [17]–198, illus., sm. 8vo.
- Younghusband, Israel
- 2008 Directions for the better cultivation of land for flax-seed, and for the management of flax. J. Murphy: Dublin, 1764.
pp. iv, 5–20, 8vo.
- Y-Worth, William
- 2009 The Britannian magazine: or, A new art of making above twenty sorts of English wines . . . 3rd ed. To which is added, The foundation of the art of distillation [etc.]. By W.Y., M.D. [i.e., W. Y-Worth]. N. Bodington: London, [1700]. pp. [44], 133, [15], sm. 8vo. (12mo.)
Wing Y 215.

BOOKS PRINTED IN ENGLAND AND SCOTLAND UP TO 1700

The number preceding each entry is that in the Short Title Catalogue of Pollard & Redgrave or Wing; that following the entry refers to the main entry in the alphabetical sequence of this catalogue.

Books printed up to 1640

- 10547 Estienne (C.) & Liebault (J.) *Maison rustique, or The countrie farm*, trsl. by R. Surfleet. 1600. 576
 17338 Markham (G.) *Cheape and good husbandry*. 3rd ed. 1623. 1129
 17340, 17345, 17354—see 17397
 17356^a Markham (G.) *The second booke of the English husbandman*. 1615. (impf., wants pt. 2) 1135
 17358 ——. *The English husbandman newly reviewed*. 1635. (impf., wants pt. 5) 1131
 17364 ——. *The enrichment of the weald of Kent*. 1631. 1132
 17365 (see 17397)
 17373 ——. *Markham's farewell to husbandry*. 1625. 1130
 17377^a ——. *Markham's maister-peece*. 1625. 1133
 17397 ——. *A way to get wealth*. 6th ed. 6 pts. 1638. 1136
 17586 Mascall (L.) *The government of cattell*. 1620. 1165

Books printed 1641-1700

- B 3118 Blagrove (J.) *The epitomie of the art of husbandry*. [4th ed.] 1685. 173
 B 3120^a (see B 3118).
 B 3194 Blith (W.) *The English improver*. [2nd ed.] 1649. 183
 B 3196 ——. *The English improver improved*. [3rd ed.] 1653. 184
 C 7506 Culpeper (N.) *The English physitian enlarged*. 1666. 429
 D 1855 Donaldson (J.) *Husbandry anatomiz'd*. 1697. 497
 D 1855 ——. *Postscript to Husbandry anatomized*. 1698. 498
 D 2481 Dugdale (sir W.) *The history of imbanking and drayning. 1662. 533*
England's improvement, and seasonable advice to all gentlemen and farmers. 1691 [Not in Wing]. 566
 H 989 Hartlib (S.) *Samuel Hartlib his legacie*. 1651. 759
 H 999 ——. *The reformed husband-man*. 1651. 760
 M 660 Markham (G.) *Markhams maister peece*. 8th ed. 1656. 1134
 M 901 Mascall (L.) *The country-mans new art of planting and grafting*. 1656. 1164
 M 1573^a Meager (L.) *The mystery of husbandry*. 1697. 1177
 N 1416 Nourse (T.) *Campania foelix*. 1700. 1281
 P 2591 Plat (sir H.) *The jewel house of art and nature*. 1653. 1354
 P 2411 Plattes (G.) *A discovery of subterranean treasure*. 3rd ed. 1679. 1356
 S 3011 Sharrock (R.) *The history of the propagation & improvement of vegetables*. 2nd ed. 1672. 1546
 S 4093 Smith (J.) *f.l.* 1653-1673. *England's improvement reviv'd*. 1673. 1614
 S 4095 Smith (J.) *Profit and pleasure united*. 1684. 1612
 S 4877 Speed (A.) *Adam out of Eden*. 1659. 1654
 T 3569 Tusser (T.) *Five hundred points of good husbandry*. 1672. 1790
 W 1483^a Weston (sir R.) *A discours of husbandrie used in Brabant and Flanders*. 3rd. ed. 1654. 1891
 W 3599 Worlidge (J.) *Systema agriculturae*. 2nd ed. 1675. 1947
 ——. *The second parts of Systema agriculturae, [etc.]*. 1689 [Not in Wing]. 1948
 Y 15 Yarranton (A.) *England's improvement by sea and land*. 1677. 1962
 Y 215 Y-Worth (W.) *The Britannian magazine*. 3rd ed. 1700. 2009

PERIODICALS

The following list of the periodicals in the collection is arranged under the headings used in the British Union Catalogue of Periodicals, 1955-58: in the case of three items not in BUCOP (indicated by an asterisk), an entry has been made in conformity with its rules. Fuller entries for the periodicals listed below will be found in the alphabetical sequence of the catalogue under the numbers given at the end of each entry.

- Agricultural research.** 1-6. 1925-50. *then* The Farmer's guide to agricultural research. [7]. 1951. 1499
- Agricultural students' gazette.** ns 1-19¹, 1882-1952 (*wanting* 18). *then* Royal agricultural college journal. ns 22², 1955. 335
- Annals of agriculture, and other useful arts.** 1-44²⁵⁹. 1784-1806. 1966
- Board of agriculture.** Communications to the Board . . . on subjects relative to the husbandry, and internal improvement of the country. 1-7. 1797-1811. 190
- British year-book of agriculture and agricultural who's who.** 2. 1909/10. 227
- Collection for the improvement of husbandry and trade.** [By John Houghton]. 1-5. 1727. 834
- Commercial and agricultural magazine.** 1-6. 1799-1802. *then* The Agricultural magazine. 7. 1802. n[4]s 1-6. 1813-15. 373
- De re rustica; or the repository for select papers on agriculture, arts, and manufactures.** 1-2. 1769-70. 469
- Dublin society.** Essays and observations . . . published by a Society of gentlemen in Dublin. London. 1740. 526
- English agricultural society.** The Journal of the Royal agricultural society of England. 1-105. 1840-1944. *and* Indexes 1-25, 26-50, 51-61. 1502
- English Guernsey cattle society.** English Guernsey cattle society's herd book. 39-44. 1923-28. 567
- Evans and Ruffy's Farmer's journal and agricultural advertiser.** 4¹⁸⁵-19¹⁰⁰⁶. 1811-26. 577.
- *The Farmers' almanac and calendar. 3¹, for 1847. 1846. 592
- The Farmer's friend. 1. 1847. 595
- The Farmer's magazine. 1-11. 1800-10. (1-4th ed.: 2-5th ed.: 3-3rd ed.) 597
- The Farmer's magazine. 1¹⁻⁴⁰. 1852-53. 598
- The Farmer's magazine and useful family companion. By Agricola Sylvan. 1-5. 1776-80. 599
- Highland society of Scotland.** Prize essays and transactions. n[2]s 1-8. 1829-45. *then* Transactions. n[5]s 1-11, 1845-65. 4s 1-20, 1866-88. 5s 1-56, 1889-1944. *and* Indexes 1-5s, 4s. 797
- Letters and papers on agriculture, planting &c.** (Society instituted at Bath, for the encouragement of agriculture). 1-4. 1780-88. (1-3rd ed.: 2, 3-2nd ed.) *then* Journal of the Bath and west and southern counties society. 4s, 6, 7. 1895-97. 123, 125
- Memoirs of agriculture, and other oeconomic arts.** 1-5. 1768-82. 516
- Merino society.** Report. 2. 1812. 1188

- Museum rusticum et commerciale or select papers on agriculture &c. 1-6. 1764-66. (1-3rd ed.) 1252
- National institute of agricultural botany. Journal. 1-3¹. 1922-51. 298
- *Northumberland. Technical education sub-committee. Reports [on agricultural experiments.] 1-10. 1893-1902. 1280
- *Oracle of rural life. 1859. 1291
- Practical husbandman and planter 1¹⁻². 1733. 1375
- Quarterly journal of agriculture. 1-15. 1828-45. then The Journal of agriculture. ns 1-12, 3s 1-4. 1843-68. 1405
- Recreations in agriculture, natural-history, arts, and miscellaneous literature. By James Anderson. 1-6. 1799-1802. 54
- Scots farmer or select essays on agriculture. 1-2. Oct. 1772-Nov. 1774. 1527
- Society for the encouragement of domestic industry. Agricultural and industrial magazine. 1. 1834-35. 1636
- Year book of agricultural facts. 1859-62. 279

BOARD OF AGRICULTURE COUNTY REPORTS—ENGLAND

QUARTO SERIES

The numbers in heavy type refer to the entries in the alphabetical sequence of the catalogue.

<i>County</i>	<i>Author</i>	<i>Eds. in P.A.L.</i>	<i>Cat. nos.</i>
Bedford	Stone, T.	1794	1684
Berkshire	Pearce, W.	1794	1317
Buckingham	Malcolm, W. and others	1794	1114
Cambridge	Vancouver, C.	1794	1805
Cheshire	Wedge, T.	1794	1881
Cornwall	Fraser, R.	1794	636
Cumberland	Bailey, J. and Culley, G.	1794	80
Derby	Brown, T.	1794	243
Devon	Fraser, R.	1794	637
Dorset	Claridge, J.	1795	342
Durham	Granger, J.	1794	707
Essex	Griggs, Messrs.	1794	726
	Vancouver, C.	1795	1806
Gloucester	Turner, G.	1794	1788
Hampshire	Driver, A. and W.	1794	521
Hereford	Clark, J.	1794	346
Hertford	Walker, D.	1795	1840
Huntingdon	Stone, T.	1795	1685
	Maxwell, G.	1795	1172
Kent	Boys, J.	1794	207
Lancaster	Holt, J.	1794	814
Leicester	Monk, J.	1794	1219
Lincoln	Stone, T.	1794	1686
Middlesex	Baird, T.	1795	89
	Foot, P.	1794	622
Monmouth	Fox, J.	1794	633
Norfolk	Kent, N.	1794	924
Northampton	Donaldson, J.	1794	504
Northumberland	Bailey, J. and Culley, G.	1794	81
Nottingham	Lowe, R.	1794	1067
Oxford	Davis, R.	1794	458
Rutland	Crutchley, J.	1794	425
Shropshire	Bishton, J.	1794	164
Somerset	Billingsley, J.	1794	156
Stafford	Pitt, W.	1794	1348
Suffolk	Young, A., 1741-1820	1794	1988
Surrey	Malcolm, W., and others	1794	1115
Sussex	Young, A., 1769-1827	1795	2001
Warwick	Wedge, J.	1794	1880
Westmoreland	Pringle, A.	1794	1388
Wiltshire	Davis, T.	1794	459
Worcester	Pomeroy, W. T.	1794	1361
Yorks, E. Riding	Leatham, I.	1794	997
Yorks, N. Riding	Tuke, J.	1794	1780
Yorks, W. Riding	Rennie, G. and others	1794	1426

BOARD OF AGRICULTURE COUNTY REPORTS—ENGLAND

OCTAVO SERIES

The numbers in heavy type refer to the entries in the alphabetical sequence of the catalogue.

<i>County</i>	<i>Author</i>	<i>Eds. in P.A.L.</i>	<i>Cat. nos.</i>
Bedford	Batchelor, T.	1808, 1813	117-8
Berkshire	Mavor, W. F.	1809	1171
Buckingham	Priest, St. J.	1810, 1815	1834-5
Cambridge	Gooch, W.	1811, 1813	699-700
Cheshire	Holland, sir H., 1st bart.	1808, 1813	811-2
Cornwall	Worgan, G. B.	1811, 1815	1943-4
Cumberland (with Northumberland)			83-5
Derby	Farey, J., 3 vols.	1811-17	587
Devon	Vancouver, C.	1808, 1813	1809-10
Dorset	Stevenson, W.	1812, 1815	1672-3
Durham	Bailey, J.	1810	79
Essex	Young, A., 1741-1820, 2 vols.	1807, 1813	1981-2
Gloucester	Rudge, T.	1807, 1813	1509-10
Hampshire	Vancouver, C.	1810, 1813	1807-8
Hereford	Duncumb, J.	1805, 1813	536-7
Hertford	Young, A. 1741-1820	1804	1980
Huntingdon	Parkinson, R.	1811, 1813	1308-9
Kent	Boys, J.	1796, 1805, 1813	208-10
Lancaster	Holt, J.	1795	815
	Dickson, R. W.	1815	485
Leicester	Pitt, W.	1809	1345
Lincoln	Young, A. 1741-1820	1799, 1808, 1813	1983-5
Middlesex	Middleton, J.	1798, 1807, 1813	1189-91
Monmouth	Hassall, C.	1815	764
Norfolk	Kent, N.	1796, 1813	925-6
	Young, A., 1741-1820	1804, 1813	1986-7
Northampton	Pitt, W.	1809, 1813	1346-7
Northumberland	Bailey, J. and Culley, G.	1800	82
Northumberland (with Cumberland & Westmoreland)	Bailey, J. and Culley, G.	1797, 1805, 1813	83-5
Nottingham	Lowe, R.	1798, 1813	1068-9
Oxford	Young, A., 1741-1820	1809, 1813	1999-2000
Rutland (with Leic.)	Parkinson, R.	1809	1345
Shropshire	Plymley, J.	1803 (2 eds.), 1813	1357-9
Somerset	Billingsley, J.	1797, 1798	157-8
Stafford	Pitt, W.	1796, 1808, 1813	1349-51
Suffolk	Young, A., 1741-1820	1797, 1804, 1813	1989-91
Surrey	Stevenson, W.	1809, 1813	1674-5
Sussex	Young, A., 1769-1827	1808, 1813	2002-3
Warwick	Murray, A.	1815	1249
Westmoreland (with Northumb.)	Pringle, A.	1797, 1805, 1813	85-5
Wiltshire	Davis, T.	1811, 1813	460-1
Worcester	Pitt, W.	1810, 1813	1352-3
Yorks, E. Riding	Strickland, H. E.	1812	1696
Yorks, N. Riding	Tuke, J.	1800	1781
Yorks, W. Riding	Brown, R.	1799	239

BOARD OF AGRICULTURE COUNTY REPORTS—SCOTLAND

QUARTO SERIES

The numbers in heavy type refer to the entries in the alphabetical sequence of the catalogue.

<i>County</i>	<i>Author</i>	<i>Eds. in P.A.L.</i>	<i>Cat. nos.</i>
Aberdeen	Anderson, J.	1794	49
Angus or Forfar	Roger, J.	1794	1478
Argyll	Robson, J. (with W. Inverness)	1794	1474
Ayrshire	Fullarton, W.	1795	645
Banffshire	Donaldson, J.	1794	500
Berwickshire	Lowe, A.	1794	1064
Bute	(in Hebrides)		
Caithness	(in Northern Counties)		
Clackmannanshire	Erskine, J. F.	1795	570
Dumbarton	Ure, D.	1794	1799
Dumfriesshire	Johnston, B.	1794	892
East Lothian	Hepburn, G. B.	1794	786
Elgin or Moray	Donaldson, J.	1794	501
Fife	Beatson, R.	1794	139
Galloway	Webster, J.	1794	1879
Hebrides	Heron, R.	1794	787
Inverness	(see note)		
Kincardine	Donaldson, J.	1795	502
Kinross	Ure, D.	1797	1800
Lanarkshire	Naismith, J.	1794	1254
Midlothian	Robertson, G.	1795	1459
Nairn	Donaldson, J.	1794	503
Northern Counties and Islands	Sinclair, sir J.	1795	1591
Orkney Islands	(in Northern Counties)		
Peebles (Tweeddale)	Johnston, T.	1794	906
Perth, Southern	Robertson, J.	1794	1464
Carse of Gowrie	Donaldson, J.	1794	499
Central Highlands	Marshall, W.	1794	1139
Renfrew	Martin, A.	1794	1155
Ross & Cromarty	(in Northern Counties)		
Roxburgh	Ure, D.	1794	1801
Selkirk	Johnston, T.	1794	905
Shetland Islands	(in Northern Counties)		
Stirling	Belsches, R.	1796	150
Sutherland	(in Northern Counties)		
West Lothian	Trotter, J.	1794	1771

Note: No separate quarto survey of Inverness-shire was published. The various parts of the county were dealt with in the volumes on Argyll, Elgin, the Hebrides and Nairn.

BOARD OF AGRICULTURE COUNTY REPORTS—SCOTLAND

OCTAVO SERIES

The numbers in heavy type refer to the entries in the alphabetical sequence of the catalogue.

<i>County</i>	<i>Author</i>	<i>Eds. in P.A.L.</i>	<i>Cat. nos.</i>
Aberdeen	Keith, G. S.	1811	919
Angus or Forfar	Headrick, J.	1813	772
Argyll	Smith, J.	1798, 1805, 1815	1615-7
Ayrshire	Aiton, W.	1811	27
Banffshire	Souter, D.	1812	1648
Berwickshire	Kerr, R.	1809, 1813	929-30
Bute	Aiton, W.	1816	28
Caithness	Henderson, J.	1812, 1815	778-9
Clackmannanshire	(with Kinross)	1814	704
Dumbarton	Whyte, A. and Macfarlan, D.	1811	1910
Dumfriesshire	Singer, W.	1812	1601
East Lothian	Somerville, R.	1805, 1813	1642-3
Elgin or Moray	(with Nairn)	1813	1005
Fife	Thomson, J.	1800	1740
Galloway	Smith, S.	1810, 1813	1621-2
Hebrides	Macdonald, J.	1811	1090
Inverness	Robertson, J.	1808	1463
Kincardine	Robertson, G.	1810, 1813	1457-8
Kinross	Graham, P. (with Clackmannan)	1814	704
Lanarkshire	Naismith, J.	1798, 1806, 1813	1255-7
Midlothian	Robertson, G.	1795	1460
Nairn	Leslie, W. (with Moray)	1815	1005
Northern Counties and Islands	(see individual counties)		
Orkney Islands	Shirreff, J.	1814	1556
Peebles (Tweeddale)	Findlater, C.	1802, 1814	605-6
Perth	Robertson J.	1799, 1813	1465-6
Renfrew	Wilson, J.	1812	1925
Ross & Cromarty	Mackenzie, sir G. S.	1810	1100
Roxburgh	} Douglas, R.	1798, 1815	517-8
Selkirk			
Shetland Islands	Shirreff, J.	1814	1557
Stirling	Graham, P.	1812	703
Sutherland	Henderson, J.	1812, 1815	780-1
West Lothian	Trotter, J.	1811	1772

BOARD OF AGRICULTURE COUNTY REPORTS

WALES

QUARTO SERIES

The numbers in heavy type refer to the entries in the alphabetical sequence of the catalogue.

<i>County</i>	<i>Author</i>	<i>Eds. in P.A.L.</i>	<i>Cat. nos.</i>
North Wales*	Kay, G.	1794	917
Brecknock	Clark, J.	1794	345
Cardigan	Lloyd, T. and Turnor, D.	1794	1027
Carmarthen	Hassall, C.	1794	763
Glamorgan	Fox, J.	1796	632
Pembroke	Hassall, C.	1794	765
Radnor	Clark, J.	1794	347

* Anglesey, Caernarvon, Denbigh, Flint, Merioneth, Montgomery.

OCTAVO SERIES

	<i>Author</i>	<i>Eds. in P.A.L.</i>	<i>Cat. nos.</i>
North Wales	Davies, W.	1815	453
South Wales	Davies, W.	1815	454

ISLANDS

QUARTO SERIES

	<i>Author</i>	<i>Eds. in P.A.L.</i>	<i>Cat. nos.</i>
Channel Isles	(no Quarto report)		
Isle of Man	Quayle, B.	1794	1406

OCTAVO SERIES

	<i>Author</i>	<i>Eds. in P.A.L.</i>	<i>Cat. nos.</i>
Channel Isles	Quayle, T.	1815	1407
Isle of Man	Quayle, T.	1812	1408

DUBLIN SOCIETY

STATISTICAL SURVEYS OF IRISH COUNTIES. 8vo.

The numbers in heavy type refer to the entries in the alphabetical sequence of the catalogue.

<i>County</i>	<i>Author</i>	<i>Date</i>	<i>Cat. nos.</i>
Antrim	Dubourdieu, J.	1812	531
Armagh	Coote, sir C.	1804	393
Cavan	Coote, sir C.	1802	394
Clare	Dutton, H.	1808	542
Cork	Townsend, H.	1810	1760
Donegal	M'Parlan, J.	1802	1107
Down	Dubourdieu, J.	1802	532
Dublin	Archer, J.	1801	63
— Observations on Archer's survey,			
	by H. Dutton	1802	540
Galway	Dutton, H.	1824	541
Kildare	Rawson, T. J.	1807	1417
Kilkenny	Tighe, W.	1802	1745
King's County	Coote, sir C.	1801	391
Leitrim	M'Parlan, J.	1802	1106
Londonderry	Sampson, G. V.	1802	1520
Mayo	M'Parlan, J.	1802	1108
Meath	Thompson, R.	1802	1738
Monaghan	Coote, sir C.	1801	395
Queen's County	Coote, sir C.	1801	392
Roscommon	Weld, I.	1832	1883
Sligo	M'Parlan, J.	1802	1109
Tyrone	M'Evoy, J.	1802	1097
Wexford	Fraser, R.	1807	638
Wicklow	Fraser, R.	1801	635

The surveys of Kerry and Wicklow, by Thomas Radcliff, published in 1814 and 1812 respectively, do not form part of this series, but were published for the Farming Society of Ireland. That of Kerry is not in the Perkins Collection; that of Wicklow is no. 1409 in this Catalogue.

SUPPLEMENTARY NOTES

Arbuthnot: A true method of treating light hazely ground. 1811.

This work, usually treated as anonymous or wrongly attributed to George Thomson, has on p. iv: 'The substance of [this tract] was furnished by the joint contributions of an Association, but the whole was framed and digested by . . . James Arbuthnot, . . . Longside, Aberdeenshire.' Perkins (p. 152) attributed it to Thomson apparently through a misreading of Macdonald's entries under 1755 (p. 209) where *An Account of a threshing machine invented at Dalkeith*, attributed to Thomson, appears immediately before the present work; Macdonald's attribution to Thomson of *An Account of a threshing machine* appears to be due in turn to a misreading of Weston, p. 62: cf. Donaldson, p. 52, where the same attribution is made.

Bernard: Account of Britton Abbot's cottage and garden. 1806.

Evidence from the text indicates that the 'Society' referred to on the title-page and elsewhere throughout the pamphlet is the Society for bettering the condition . . . of the poor; this was founded by sir Thomas Bernard, and most of its early publications were written by him. His authorship is strongly suggested by a note signed 'B' on p. 11 of the second sequence (*A cottager's garden*), and the work is attributed to him in the D.N.B. and in James Baker's *Life of sir Thomas Bernard* (1819), p. 35. The pamphlet consists of two earlier tracts bound together with a new inclusive title-page; the latter is printed on a leaf which is sewn round the outside of both the other gatherings, forming a cover.

Considerations on agriculture. 1730.

The name of George Rye, to whom this work is frequently attributed, seems to be first mentioned in Weston (p. 58) where he is listed as author of *Observations on agriculture*. Dublin, 8vo. 1730. Entries with similar wording in Watt, Loudon, Allibone, Macdonald and Donaldson presumably derive from Weston. There is no other trace of a work with the title *Observations in agriculture* by Rye, and it seems quite possible that this is the work meant by Weston. The present copy is in a binding roughly contemporary with the book, and has an 18th century lettered title *Ryan on agriculture*. A George Rye, of Cork, figures in the British Museum catalogue as author of a medical work published in 1754: the author of the present book was from internal evidence a man of scientific training and lived in Cork; this seems to support the hypothesis of Rye's authorship.

Evelyn: A letter . . . concerning the *Sembrador*. [c. 1780].

The work is evidently a reprint of Evelyn's letter, with a frontispiece illustrating the *Sembrador* as shewn in the print accompanying Evelyn's article of 1670 and another illustration of it from Mills' edition of Duhamel's *Husbandry*. A note at the foot of p. 8 indicates that the article was reprinted in consequence of, and in opposition to, an application made to Parliament for a reward for the invention of the *Sembrador* at some time subsequent to 1777.

Welchman: The husbandman's manual. [c. 1760?]

This edition is not really the 5th, for the 4th ed. was published in 1707 (copy in Southampton University Library) and the 6th in 1720. The present edition, on the evidence of its typography alone, is not of as early a date as 1720, and may well be later than the 1760 here suggested. Rudder, who was baptized 1726, was active 1749-1801 (Plomer's *Dictionary of printers*, 1726-75). In this copy, the title-page [pp. i-ii], and the Table of contents [pp. xi-xii] occur in duplicate. The book is interleaved, and has additional ms. title-page: *The husbandman's manual with devout meditations. Improved and enlarged by* ——. 6th edition. The text of the ms. on the interleaved sheets appears to be copy for a proposed new ed. of the work. The paper of the interleaved sheets is watermarked 1817.

Wright, T., of Ould. The formation and management of floated meadows. 1808.

Confusion may arise owing to the controversy over the size of farms between two Thomas Wrights, viz. the present author and Thomas Wright, broker, of Mark Lane, London. Wright of Mark Lane published in 1795 *A short address to the public on the monopoly of small farms, a great cause of the present scarcity . . . With the plan of an institution to remedy the evil*. 8vo. (B.M., T.1466. (7) and T.249 (6): R.A.S.E., P.115 and P.125, p. 356), in which he deplored the buying-up of small farms by monopolists. *Large farms recommended* was published anonymously in 1796, but was in fact a reply by Wright of Ould to his namesake's pamphlet. On the title-page of the 1799 ed. of *The art of floating land*, by Wright of Ould, the latter is described as 'author of *Large farms recommended*'. *Large farms recommended* is, in fact, the *Dissertation on the size of farms* referred to on the title-page of *The formation of floating meadows*; in the B.M. and Roth. copies it is bound with the latter as here.



SOUTHAMPTON

UNIVERSITY

PERKINS

AGRICULTURAL

LIBRARY

CATALOGUE